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My professional experience is mostly in Internet/web development and applications derived from it with special attention towards security.

Since July 2001 I have been working as a freelancer, using PHP since 1996, and Laravel since 2017.

In that time I have seen many different companies from the inside and many different ways to build applications and infrastructure but also how to run a business.

During my time as a developer I have gained a lot of knowledge, experience and confidence in being able to resolve real issues.

I believe that the most important skill of a developer used to be the ability to find appropriate information on how to solve a problem and then evaluate it for usability and correctness, although that has quite changed with the introduction of AI coding agents such as Claude Code.

After having started to develop using coding agents, I have experienced first-hand that software development is no longer what it used to be. Although I have been primarily working as a backend developer, using coding agents, I can now easily work with any frontend framework or any language, for that matter. Time to market is also hugely affected. An interesting idea that I came across related to that is that it is no longer the question how to build something, but what to build.

My objectives when developing code may differ per customer but if it is up to me I choose to deliver high-quality and secure code. Furthermore, I would really like to work as a part of a team where I can learn from my colleagues.

Currently, I'm looking for remote freelance work, ideally using Laravel, or security related, such as Technical Security Engineer, or to be part of project in a non-programming role, such as Pre/Post Sales Engineer, Project Manager, Product Owner, Scrum Master, CTO or Co-Founder.

Skills / knowledge

Programming languages: BASIC, bourne shell, C, C++, Dart, Go, JavaScript, Modula-2, Pascal, PHP, Python, SQL, (Assembly, ASP, Java, Perl)

Protocols: IP, UDP, TCP, FTP, TFTP, HTTP, SOAP, SMTP, POP3, telnet, SSH, SSL

File formats: Atom, CSS, DTD, HTML, RSS, SMIL, WSDL, WML, XHTML, XML, XSL

Databases: Aurora DB Cluster, Elasticsearch, LDAP, MariaDB, msql, MS SQL (FreeTDS), MySQL, Oracle (MFC ODBC, OO4O), Percona, PostgreSQL, SQLite, Sybase (Rogue Wave DBTools++)

Operating systems: Unix (*BSD, Irix, Linux, Mac OS X, Minix, Solaris), MS-DOS, Windows 2/3.11/9x/ME/NT/2000/XP/ etc. (ComOS, IOS)

Hardware: Cisco, Force10, Livingston Portmaster, NetApp, Netgate, PC, QNAP, SGI (Indigo, Indy, O2, Challenge S/XL, Origin 200); Sun 3/4/Netra

Other: Agile, Alexa, Ansible, Appcelerator Titanium, AWS, Azure, BS7799, CakePHP, CGI, ChatGPT, CI/ CD, Claude Code, Codeship, composer, CVS, DevOps, DHL Express API, Docker, DOM, DNS, Elastic Email, ExtJS, Flutter, Gearman, Gemini, Git, GitLab, GNU, HAProxy, iDEAL, ISAPI, ISO9001, JIRA, jQuery, Kibana, Laravel, Lean, LinkedIn API, Magento, Mattermost, MFC, MyParcel API, Netbank Digital API, NSAPI, OOP, Ollama, OpenSSL, OpenWebUI, Perforce, pfSense, PGP, PHP-GTK, PHPUnit, picoclave, Pingdom API, PKI, Prototype, redis, Scrum, Selenium, SendInBlue, Signicat, Slack, Subversion (SVN), Symfony2/3, Teams, terraform, Trello, UptimeRobot, Vagrant, Visual Basic, Visual C++, Vue.js, VID, VMware, WAP, weasyprint, Win32, WordPress, XSLT, Zend Framework, ZFS

Experience

Derks.IT Alicante	Nov 2025 - now	<u>AI Amplified Engineer</u> For a local bar, I created its new website, including menu, events, DJs and an accompanying CMS, almost only using Claude Code together with OpenAI's Codex, <u>claudex</u> and <u>chief</u> (agentic AI coding tools). AI models are not yet perfect, so some of the work (such as scraping some exact data and finding appropriate images for covers and products), I had to do (semi) manually. Static hosting using CloudFlare Pages and a Worker for the contact form. Recently I have installed picoclaw using my local AI cluster. Furthermore, I am working on a mobile app using flutter depending fully on AI agents to do the coding. (CSS, Dart, Data Scraping, Flutter, HTML, Javascript, React, Tailwind, Vite; Ansible, Claude Code, Codex, Docker, git, Ollama, OpenWebUI, shell scripting, terraform; Bunny.net, CloudFlare, Linux, Mac OS X)
Smooove Exchange Singapore / The Philippines	Sep 2021 - now	<u>Chief Technology Officer / Co-founder</u> (part-time, remote) At the forefront of revolutionizing agriculture, I lead international development teams to build a digital marketplace that connects farmers directly with end distributors. Our platform leverages cutting-edge technology to facilitate seamless transactions, real-time price updates, and enhanced efficiency. By reducing intermediaries, we ensure farmers retain fair profits, promoting sustainable margins and price transparency. Our highly localized approach empowers communities, allowing users to engage with single province marketplaces for direct, impactful benefits. Passionate about fair trading and sustainable agriculture. (AWS, Aimeos, Android Studio, Bugsink, claudex, chief, Claude Code, Codex, CloudFlare, Cordova, Docker, Facebook, Figma, Firebase, Gemini, GitHub, Google Forms, Jira, Laravel, PubNub, React, Sentry, Slack, VPN, WordPress, Xcode, terraform)
Derks.IT Amsterdam	Jan 2006 - now	<u>Web hosting provider</u> For a few small clients and my own needs I started as an hosting provider. Currently it is only hosting my own services. (DNS, firewall (csf, iptables, pf, ufw), mail (exim, postfix, sendmail), nginx/apache; ansible, shell scripting, terraform; Linux, Mac OS X)
Derks.IT Alicante	Nov 2025 - Jan 2026	<u>Laravel Developer</u> (remote) Building an simple web application to allow invoices to be sent to the Spanish Tax Office as required by 2027 (Veri*factu) for a Dutch dentist using a Dutch dentist practice management application to manage patient data and to issue invoices. After first having investigated and connecting the application to the corresponding API, I decided with the customer to choose an existing invoicing API provider as that would be much cheaper for the client. Initially started using ChatGPT and Gemini, later started to use Claude Code and <u>claudex</u> . (Laravel, React, Tailwind, Inertia, Vite, HTML, Javascript, CSS; Claude Code, Docker, Gemini, git, shell scripting; B2Brouter, CloudFlare, Linux, Mac OS X)
Altix Capital Amsterdam	Nov 2022 - Sep 2025	<u>Lead Backend Laravel Developer</u> (remote) Altix is a Fintech startup based in the Netherlands that is making Private Equity accessible to everybody. Starting from scratch within a few months we had our first onboardings, growing rapidly after. Among others I was for example responsible for: <ul style="list-style-type: none">• Bootstrapping the application, both frontend and backend• Sign up and investment flow• KYC using third-party provider• Digital signing of contracts using third-party provider• DevOps (incl. server architecture, automated deployments, deployment scripts, etc.)• Code quality• Knowledge sharing with later added team of outsourced developers, which involved among others pair programming (XP) sessions and documenting business logic, coding standards, development/deployment process.• Securing access to the data (PHP, MySQL, Laravel; DigitalOcean, Docker, GitLab, git, Jira, shell scripting; Linux, Mac OS X)

Derks.IT Alicante	Jul 2021 - Mar 2023	<p><u>Lead Developer</u> (remote)</p> <p>I was asked to do a complete inventory of a mobile e-wallet application (Android, iOS swift) including the corresponding API and control panel (CakePHP), including connectivity to third-party providers, tech stack, hosting, etc. After that I was tasked to lead the complete development of the project, for which I built a small team of developers to fix discovered issues and to prepare the application for public release.</p> <p>In order to do so I implemented a development process, moving the source code into a source control system (GitLab), introducing to work with branches (GitLab Flow with environment branches), adding database migrations, dotenv-based configuration, enabling the use of different environments (such as development, test, production), configuring automated deployments and adding Docker configuration to be able as a new developer to quickly start with development. Furthermore, I was also responsible for deploying, maintaining and monitoring the server infrastructure in AWS using Ansible.</p> <p>(PHP, MySQL, CakePHP; ansible, AWS, Docker, GitLab, git, Trello; Linux, Mac OS X)</p>
Derks.IT Alicante	Jun 2021 - Jan 2022	<p><u>Security Analyst/PHP Developer</u> (remote)</p> <p>For a group of medical clinics I was asked to do an inventory of the PHP 5.x based legacy in-house application to manage customer data and test results, targeting specifically the security of the system as it concerned medical data. After that I updated the code for PHP 7.4, moved the source code into source control (GitLab), restructured the source code (also adding some basic unit tests, SQL and PHP-based database migrations, dotenv-based configuration and minor changes to the data model) and fixed the discovered and other minor issues (some of those issues where addressed using encryption).</p> <p>To prepare for automated deployment based on pushes to specific branches (GitLab Flow with environment branches) I wrote an Azure DevOps pipeline to be used for testing before deployment and configured a Docker container to mimic the production server.</p> <p>(PHP, MySQL; ansible, Azure DevOps, Docker, git, Trello; Linux, Mac OS X)</p>
Collective Flow Hoogerheide	Jul 2021 - Sep 2021	<p><u>PHP Developer</u> (remote)</p> <p>A small script to communicate call status to a third party provider.</p> <p>(PHP, MySQL, Asteriks; Linux, Mac OS X)</p>
Derks.IT Alicante	Mar 2021 - Jul 2021	<p><u>Laravel Programmer</u> (remote)</p> <p>For two internal projects enabling automated processing of invoices and managing server infrastructure I used (among others):</p> <ul style="list-style-type: none"> • Invoice2data, a python library to extract data from invoices • Ansible, an open-source software provisioning, configuration management, and application-deployment tool enabling infrastructure as code • Terraform, another open-source infrastructure as code software tool • Shell scripts <p>The project to manage server infrastructure is currently on hold.</p> <p>(PHP, MySQL, Laravel, Vue.js; ansible, git, invoice2data, terraform; Linux, Mac OS X)</p>
Derks.IT Alicante	Mar 2021 - Jun 2021	<p><u>PHP Lead Developer</u> (remote)</p> <p>For a Dutch customer offering services to help companies manage and communicate with their employees, I improved their development process by moving the source code into a source control system (GitLab), introducing to work with branches and merging (GitLab Flow with environment branches), adding database migrations, configuring a test environment, configuring Docker container to quickly have a fully working development environment, configuring automated deployments (GitLab pipelines) and educating other developers and project managers on how to use these.</p> <p>Furthermore, I also fixed bugs and implemented new features.</p> <p>(PHP, MySQL; Docker, GitLab, git; Linux, Mac OS X)</p>
Restocks Breda	Dec 2020 - May 2021	<p><u>Laravel Developer</u> (remote)</p> <p>For a online sneakers reselling platform I did the following:</p> <ul style="list-style-type: none"> • Preparing integration with DHL Express for EU-wide shipping • Preparing for redesign API using OpenAPI 3.0 • Minor bugfixes and functionalities <p>(PHP, MySQL, Laravel; GitHub, Postman, Trello; Linux, Mac OS X)</p>
Derks.IT Alicante	Jun 2020 - Jul 2020	<p><u>Laravel Programmer</u> (remote)</p> <p>For a classified car classics website built using Laravel, I have fixed many layout and functionality issues.</p> <p>(PHP, MySQL, Laravel; git, Trello; Linux, Mac OS X)</p>

Iristrace Ibi / Alicante	Dec 2018 - Jun 2020	<u>Senior Backend Developer</u> (remote) Helping Iristrace to improve their codebase and reporting, reduce security vulnerabilities and to scale their platform. (PHP, Python, Go, MySQL, CodeIgniter, Docker, Symfony; GitLab, RabbitMQ; Linux, Mac OS X)
Angry Nerds Rotterdam	Nov 2019 - Jan 2020	<u>Senior PHP Programmer</u> (remote) Working as a team member on a huge project written in CodeIgniter (100k+ LOC) mostly resolving security vulnerabilities in an automated fashion using regular expressions in a Makefile. (PHP, MySQL, CodeIgniter; Bitbucket, Vagrant; Linux, Mac OS X)
Schipper Vaasen Amsterdam	Mar 2019 - Dec 2019	<u>Senior PHP / Appcelerator Titanium Developer</u> (remote) For an automotive company I was asked to perform some minor bugfixes and other maintenance on their API and semi-internal website (made with CakePHP) and app (created with Appcelerator Titanium). (PHP, MySQL, CakePHP; Appcelerator Titanium; Linux, Mac OS X)
Hoogheemraadschap van Rijnland Leiden	Nov 2019	<u>Senior PHP Programmer</u> (remote) For this client I fixed some minor issues in a web application after they upgraded PHP. (PHP, MySQL; Linux, Mac OS X)
Kuveno Helsinki, Finland	Oct 2018 - Nov 2019	<u>Payroll Recruiter</u> Through my Alicante Tech Meetup I was contacted by Kuveno to help them find developers in the Alicante area to work remotely on their platform. Pretty quickly I found two Javascripts developers which became my employees working exclusively for Kuveno.
Derks.IT Alicante	May 2019 - Nov 2019	<u>Laravel Developer</u> (remote) For a online sneakers reselling platform I did the following: <ul style="list-style-type: none"> • Added shipping provider integration for DHL Express, allowing it to co-exist with the previous shipping provider (MyParcel) integration • Added migrations, tests • Preparing migration of payment provider to Stripe • Many minor functionalities and improvements, among others in automated deploys and translation processing (PHP, MySQL, Laravel; Bitbucket, Elasticsearch, Envoyer, Trello; Linux, Mac OS X)
We're Agile! Amsterdam Alicante	Mar 2017 - Aug 2019	<u>Owner / Director</u> I saw an opportunity working for Dutch clients with a team in Alicante. So I opened an office and hired some programmers. Unfortunately, it was more difficult than I expected and after 2 years I had to close the office.
Derks.IT Alicante	May 2017 - Dec 2018	<u>Laravel / Flutter Developer</u> (remote) Together with some locals, including some of my employees, we worked as a bootstrapped startup on a mobile application that communicates with an API built with Laravel. Initially I was only responsible for the web part (API + admin), but since I have started to build the mobile application from scratch using flutter. (PHP, Dart, MySQL, Laravel; flutter, git, Trello; Linux, Mac OS X)
Derks.IT Amsterdam Alicante	Nov 2018 - Dec 2018	<u>Laravel Alexa Skill Developer</u> Because of personal interest and trying a possible business idea I created an Alexa skill that allows a user to order wine. The products contained in the database where extracted from the provider's website using scraping. (PHP, Python, MySQL, Laravel; Alexa, Envoy, Scrapy; Linux, Mac OS X)
Derks.IT Amsterdam Alicante	Mar 2018 - Jun 2018	<u>Laravel Programmer</u> (remote) A house rental intermediary website wanted to migrate from NodeJS to Laravel, so with a small team we built everything from the ground up based on a provided new design. This involved, among others, regularly retrieving rentals information from different API's, displaying rentals on map, allowing the rentals to be administered, sending emails using Elastic Email, etc. (PHP, MySQL, Laravel; Codeship, Elastic Email, Envoy, Redis, Scout; Linux, Mac OS X)

Maxbatt Deurne	Dec 2017 - Jun 2018	<p><u>Laravel Developer</u> (remote)</p> <p>For this client I built an API with administration area to receive measurements at 5-minute intervals for up to tens of thousands of battery monitor devices in order to trigger alerts for required maintenance. The API protocol was consisely documented by me so that the hardware developer could implement it accordingly on the Arduino platform. The server architecture was setup using Aurora DB Cluster for production and Percona XtraDB Cluster for test, on top of a tinc VPN with HAProxy proxying both the web and database services in order to allow easy maintenance additionally using reverse proxy CloudFlare. (PHP, MySQL, Laravel, Aurora DB Cluster; Arduino, Cloud Flare, Envoy, HAProxy, Percona XtraDB Cluster, tinc; Linux, Mac OS X)</p>
Derks.IT Amsterdam Alicante	Sep 2017 - Mar 2018	<p><u>Laravel Programmer</u> (remote)</p> <p>An academic researcher wanted to have an application to make high school students' homework more efficient by having an application that allows students to do the exercises online and to generate statistics for further analysis. (PHP, MySQL, Laravel; Envoy; Linux, Mac OS X)</p>
Stackscale Amsterdam Alicante	Jul 2012 - Jul 2017	<p><u>Lead Developer</u></p> <p>I worked among others on the following projects:</p> <ul style="list-style-type: none"> • Authentication and authorisation API using the latest encryption standards • Queue library for executing tasks including Python modules, external scripts and repeating tasks • Different tools and modules for management of VMware environments • Drivers to control advanced network equipment like switches and routers (Cisco / Force10 / Arista) • Management of network attached storage (NAS) equipment and datastores (volumes) (NetApp / Nexenta / Oracle / Solaris / ZFS) • Add new functionality to an API written in Django REST Framework with an accompanying user interface built with ExtJS <p>(PHP, Python, MySQL, Percona, ExtJS, Django; Linux, Mac OS X, Windows)</p>
ClIQ Digital Amsterdam	Jul 2012 - Jun 2013	<p><u>Lead Developer</u></p> <p>(PHP, MySQL, Symfony2, Gearman, PHPUnit, Selenium; Linux, Mac OS X)</p>
Derks.IT Amsterdam	Apr 2011 - Jul 2012	<p><u>Magento Programmer</u></p> <p>I have been working with a small team on the development of a commercial and publicly available Magento extension that provides integration with PHPlist and another idea which would be completely developed as Magento extensions. (PHP, MySQL, Magento, Zend Framework; Linux, Mac OS X)</p>
Elsevier Amsterdam	May 2012 - Aug 2012	<p><u>Magento Developer</u> (remote)</p> <p>For accepting a license agreement for a specific product I have created a Magento extension. (PHP, MySQL, jQuery, Magento; Linux)</p>
Derks.IT Amsterdam	Mar 2012 - Apr 2012	<p><u>Magento Programmer</u> (remote)</p> <p>For a client (media/digital agency) I resolved most of the most eye-catching issues in a not yet fully finished Magento website (mainly bugs in parts developed by a third party, integration of extensions and a newsletter API). (PHP, MySQL, jQuery, Magento; Linux)</p>
Derks.IT Amsterdam	Jan 2011 - Mar 2012	<p><u>Magento Developer</u> (remote)</p> <p>For a French client (fashion retail) I translated the graphical/HTML design into a working, dynamic HTML/JS/CSS version which I then in cooperation with an offshored team translated into a Magento template. Different to this website was the extensive use of dynamic elements on the homepage. (PHP, MySQL, jQuery, Magento; Linux)</p>
Derks.IT Amsterdam	Dec 2011 - Mar 2012	<p><u>Magento Programmer</u> (remote)</p> <p>For a client in the online retail (equestrian sports) I resolved most of the most eye-catching issues in a not yet fully developed Magento website (such as export from MS SQL, import with automatic creation of attribute values, layered navigation using checkboxes, bugs in payment method extension, simple integration with Exact). (PHP, MySQL, jQuery, Magento; Linux)</p>
Derks.IT Amsterdam	Dec 2011 - Feb 2012	<p><u>Senior PHP Developer</u> (remote)</p> <p>For a client in the automotive industry I have made a web application (partially nearshore) with which employees could make a selection from a number of template images using a visual editor which will be used to create a PDF which is then sent via email. (PHP, MySQL, jQuery, CodeIgniter; Linux)</p>

Tele2 Amsterdam	Sep 2011 - Oct 2011	<u>Senior PHP Programmer</u> For the Tele2 website I did a couple of smaller projects such as: <ul style="list-style-type: none"> • iDEAL implementation for payments (iDEAL = the Dutch standard for online payments by the major banks) • a uptime page for servers using the Pingdom API • modifications for enabling a new product line on the website • management tool for affiliate HTML snippets on the website • research preparing use of the Icecat database (PHP, MySQL, Zend Framework, jQuery, Pingdom API; Linux, Mac OS X, Windows)
Lost Boys Amsterdam	Jul 2011 - Jul 2011	<u>Senior PHP Developer</u> The Magento project that I would work on was cancelled after a couple of days after which I made myself useful for more than a week as frontend developer for monumenten.nl and NS Hispeed. (PHP, MySQL, Zend Framework, jQuery, HTML5, CSS3; Linux, Mac OS X, Windows)
ABN AMRO Amsterdam	Oct 2010 - Aug 2011	<u>Senior PHP Programmer</u> The new internal website for internal vacancies, Smartjobs, was developed using TomatoCMS / Zend Framework cooperating with the product owner, an interaction designer, design agency Luyfel, IT Infrastructure and the hosting provider (PHP, MySQL, TomatoCMS, Zend Framework, LinkedIn API, Selenium; Linux, Windows; Scrum)
Bruno Klassiek Haarlem	Jul 2010 - Aug 2010	For this specialised classical CD and DVD store setup a webshop for selling tickets to classical concerts based on Magento with custom bugfixes and customisations. (PHP, MySQL, Magento; MacOSX, Linux, Windows)
StudyTravel Malaga Amsterdam	Apr 2010 - Dec 2010	As a PHP software developer I again worked on implementing new functionalities into the website and related maintaince work. (PHP, Smarty, MySQL, JavaScript; Linux, Windows)
Ibarrá y Sanjuan Amsterdam	Mar 2010 - Jun 2010	For this customer I setup a B2B webshop based on Magento with custom bugfixes and customisations. (PHP, MySQL, Magento; MacOSX, Linux, Windows)
Miky.nl Den Haag	Jan 2010 - Feb 2010	For this website I solved some bugs and implemented new functionalities. (PHP, Zend Framework, MySQL; MacOSX, Linux, Windows)
StudyTravel Malaga / Amsterdam	Mar 2009 - May 2009	As a PHP software developer I worked on implementing new functionalities into the website and related maintaince work. (PHP, Smarty, MySQL, JavaScript; Linux, Windows)
TomTom Amsterdam	Mar 2008 - Feb 2009	As a PHP software developer I contribute to the development team responsible for the TomTom website. (PHP, Smarty, MSSQL, JavaScript; Linux, Windows; Scrum). Some of the projects I have done: <ul style="list-style-type: none"> • Apache module for authentication based on <u>mod_auth_tkt</u> (C, OpenSSL, FreeTDS; Linux) • Improving the application framework (PHP, Smarty, MSSQL, JavaScript; Linux, Windows)
BSM Amsterdam	Sep 2007	Static code analysis of a HTML subscription form written in PHP for a major bank. (PHP, MySQL; Linux, MacOSX, Windows)
Telfort Amsterdam	Jan 2007 - Jul 2007	Again I was part of the development team and responsible for multiple projects. (PHP, PEAR, MySQL, JavaScript, HTML; Linux, Windows)
marktplaats.nl Amsterdam	Aug 2006 - Dec 2006	For a number of months I was part of the development team and responsible for multiple projects regarding the website and the maintenance part. (PHP, PEAR, Smarty, MySQL, JavaScript, HTML; Linux, Windows)
Robert Vlug Haarlem	Jul 2006	I put in my observations for the chapter about security in the book " <u>Een eigen webwinkel voor Dummies (My own webstore for Dummies)</u> "
Derks.IT Amsterdam	Mar 2006 - Sep 2008	In cooperation with Holland Online we are working on some ideas, including a community website, shops and simple pay-per-view websites. For the community website I also implemented payments using iDEAL and used my own application framework. (PHP, PEAR, MySQL, JavaScript, SourceGuardian; Linux, Windows)
ProvenModels Amsterdam	Jan 2006 - Feb 2006	I helped this client by fixing a list of bugs in already existing code. (PHP, MySQL, JavaScript; Linux, Windows)
Ber-Art Breda	Feb 2005 - Nov 2007	Support for <u>Trojan Scan</u> and security support.

Telfort Amsterdam	Nov 2004 - Dec 2005	During this period I built an application framework to be used as the basis for new applications. I re-implemented the registration/authentication parts of the website using this framework, which also included some functional changes. (PHP, PEAR, MySQL, JavaScript, HTML; Linux, Windows)
Xinox Delft	Dec 2004	To allow registered downloads of their JCreator product I built a download registration form, license administration and mailing list (the mailing list is based on the open source application PHPList which has been linked to the downloader data). (PHP, PEAR, MySQL, JavaScript, HTML; Linux, Windows)
Demon Amsterdam	Sep 2004	ISP Demon had performance problems with a PHP/MySQL application used for Customer Care. After analysis of the problems, the MySQL configuration was adjusted, memory expanded and provisions were taken to archive out of date data. (PHP, PEAR, MySQL; Linux, FreeBSD)
Derks.IT Amsterdam	May 2004 - Aug 2004	For an online ad company I created a library which removes double records from the customer database (incl. a similar application and an extension to the process of adding new customers that using this library whether the to be added customer does not already exist). Also I fixed already changed, but not yet working order forms. (PHP, PEAR, PHPLib, Smarty, MySQL, JavaScript, HTML; Linux)
Neverseen Almere	Dec 2003 - Feb 2004	Over a period of several months I created the website of Pacorini Vlissingen, including a simple CMS for the maintenance of the news articles. (PHP, PEAR, MySQL, Javascript; Linux, Windows)
Telfort Amsterdam	Jun 2003 - Apr 2004	During a nine-month period I have been involved actively and pro-actively in the development of various web-applications and APIs. Pro-active in advising on the to be used technology and methods (among others PEAR DB_DataObject and applying methods such as automatically generated documentation using phpDoc/phpDocumentor, automated testing using PEAR PHPUnit, etc). I also contributed to the security-awareness (e.g.: the security audit (crystal box) on my code did not reveal any critical security problems, some quotes from the report: "defensive way of programming", "the only correct way to deal with this [input validation]", "very good, almost perfect input validation"). Larger projects for which I was responsible: <ul style="list-style-type: none"> • authentication and registration on the website, incl. setting up the user database and extensive and partly generiek administration environment for customer care (PHP, PEAR, MySQL, LDAP, HTML, JavaScript, shell script, perl) • dispatching of incoming SMS messages and sending out an EMS logo • MMS web-application that allows customers to view MMS messages sent to mobile phones without MMS support (PHP, PEAR, <u>mmsdiary</u>, JavaScript, HTML, XSLT, SML) • generic API for processing incoming and sending out outgoing messages (SMS, MMS, etc) (PHP, PEAR, MySQL, <u>dia</u>: UML class diagrams)
Rubicon Vianen	Mar 2003 - Apr 2003	For a customer of Rubicon I partly re-build an existing web-application and added new functionality to it regarding among others authentication and uploading files. (PHP, PHPLib, Smarty, MySQL, JavaScript, HTML; Linux, Windows, Solaris)
Rubicon Vianen	Mar 2003	For TPG Post I wrote the web functionality for <u>Persoonlijke Postzegels</u> , incl. the manipulation of uploaded photographs. (PHP, JavaScript, DHTML library, HTML; Linux, Windows)
Apidea Amsterdam	Dec 2002 - Dec 2003	This project concerned unlocking information of railway stations for ProRail . It was my job to handle importing data (photography, spreadsheets and other documents) into a MySQL database which was to be used as a SQLite database by an application run from CD. To make this possibly I wrote a SQLite driver for <u>metabase</u> and a generic database API for the Apidea framework. I also patched the PHP4 SQLite module to handle NULL values properly. (PHP, PEAR, metabase, MySQL, SQLite, VC++ 6, STL; Linux, Windows)
Derks.IT Amsterdam	Dec 2002 - Apr 2003	I build a complete dating site with all required functionality, incl. member registration, authentication, chat, billing, manual matching, 128+ member qualities. (PHP, PEAR, Smarty, MySQL, JavaScript, HTML; Linux, Windows)
Vodafone UK	Jul 2002 - Sep 2002	I made some small changes to their CMS. (PHP, Oracle, HTML, JavaScript, WebDAV; Linux, Windows 98)

Razorfish Europe Amsterdam	Apr 2002 - May 2002	For the framework of a website for car valuations in different countries and multiple languages per country, I implemented foremost user authentication (incl. registration etc.). (PHP, MySQL, HTML, JavaScript, Visual InterDev; Windows 2000)
Rits Automatisering Deventer	Mar 2002 - Dec 2003	For the Rits Account website I implemented user authentication (incl. registration, etc.) and user administration. (PHP, MySQL, HTML, JavaScript; Linux, Windows 98). Also, I worked on a module that will enable encryption in one of the applications of Rits Account (Visual C++, OpenSSL, PHP, MySQL, SOAP; Linux, Windows 98/2000).
Apidea Amsterdam	Feb 2002 - Apr 2003	Besides the website CMS to enter, modify, remove houseboats for the website www.woonboot.nl, I also wrote a GUI application which could be used e.g. on a laptop to enter new houseboat pictures and data on location at the client and which could be uploaded to the website CMS later. Part of the GUI application was the encryption of the PHP files to prevent unwanted manipulation among others. (PHP, PHP-GTK, PEAR, ImageMagick; Linux, Windows)
EPOCera Amsterdam	Jan 2002	For EPOCera I developed a software package in Visual C++ that uses the DOM to store data(-structures), and at the same time XML as the basis of a scripting language. (Visual C++, MFC, XML; Windows 98/2000)
Apidea Amsterdam	Dec 2001	As a consultant I advised on the internal IT organization of a customer of Apidea, for which I also joined in on a session with that customer. A short report was written about the session.
Connected Software Rotterdam	Nov 2001 - Feb 2002	For KnowWise, an information system for consumers, I implemented encryption and HTTP proxy authentication. (Visual Basic, ASP, MS SQL; Windows 98/2000)
Stachanov Amsterdam	Jul 2001 - Aug 2001	As a contractor I was the main programmer in a project for building a document management system via intranet/internet (web-interface) (PHP, JavaScript, ODBC, MySQL, Microsoft SQL Server; Windows 98/NT, Linux). I also did two small subprojects for another project (C, PHP; Windows 98/NT, Linux).
Wellance Diemen	Jan 1999 - Jun 2001	As a Programmer Analyst (Senior since January 2001) I have been responsible for the design and development of the frontend part for the Regedoc system, which is a system for sending and receiving documents registered and secured over the Internet or intranet. This encompassed the design and implementation of an ISAPI for Microsoft IIS, using performance counters, registry settings, the eventlog, encrypted communication and timestamping of documents, and an additional configuration utility. To do this I used MFC, PGP, Sybase and Oracle backend database. Furthermore, I also dealt with business security as a member of the Security Project Team and helped getting the BS7799 certification. (Rogue Wave DBTools++, Oracle OO4O, ODBC; Visual C++; Windows NT/2000).

Siteways
Amsterdam

Sep 1996 - Dec 1998 As a Junior Programmer I worked on:

- guardian system for machines, websites, database, payment systems et cetera (C, shell scripts; IRIX)
- more secure version of the FTP daemon (only users in a certain file can go outside their home directory) (C; IRIX)
- porting of diverse Perl scripts to PHP (PHP; Windows NT, IRIX)
- system for preventing abuse of website account/authorisation by multiple persons (C, NSAPI, msq, shell scripts; IRIX)
- diverse programs and scripts for websites, authorisation- and payment databases (C, PHP, msq, shell scripts; IRIX, Linux)
- shops for websites (products, shopping basket and interface to payment module) (PHP, msq; IRIX)
- system for webserver statistics reports (email and HTML) (C, PHP; IRIX)
- solution to switch to ISDN when the regular (i.e. leased line) Internet connection does not provide enough bandwidth (on location in the U.S. I installed and improved this solution) (shell script; IRIX)
- porting of (Unix) C JPEG6a library to VC++ for an ActiveX control (Visual C++ 5.0; Windows 95)
- porting of the C++ FraunHofer MPEG1-III audio decoder to Java (C++, JDK 1.1; Windows 95, IRIX)
- Adobe Premiere Plugin for JPEG and AVL (LiveStream) (Visual C++ 5.0; Windows NT)
- initial design for a generic shop for the Internet (Word 97; Windows NT)

As an Assistent Systems Administrator I have been responsible for the usual tasks of system administration such as backup, security, mail, DNS, hard- and software installation and configuration, and small programming tasks.
(Systems: SGI, PC, Livingston, Cisco)

Vrije Universiteit
Amsterdam

Sep 1993 - Aug 1994

As a Student Assistant for the courses Software Engineering and Computer Networks with the faculty of Mathematics & Computer Science I coached students with their practical work for these courses. During the first course I coached five groups of about five persons. They had to implement a 'large' program as a team effort. In this case the program to implement was a route planner. The distinguished stages were: requirements specification, design, implementation (in C++) and evaluation. I also was responsible for judging the submitted results. During the second course I coached groups of one or two persons with the design and implementation (in C) of (a simplification) of the IP and UDP network protocols, and an tftp daemon and client. I was only responsible for coaching the groups.

Education

Vrije Universiteit Sep 1990 - Aug 1998

Amsterdam

Information Sciences majoring in Computer Science, finished successfully with an M.Sc.

During my studies I did practical work for the courses Operating Systems, Compiler Construction, Computer Networks, Programming Languages (lesser known languages: ABC, Ada, Miranda, Prolog and Smalltalk) and Software Engineering.

Congresses, courses & seminars

Colegio Oficial de Ingeniería Informática (COIICV)	Oct 2024	Introduction Artificial Intelligence Models
Scrum Institute	Dec 2016	Scrum Master Accredited Certification
Magento	Sep 2012	Magento Developer's Paradise 2012
Startup Weekend	Jul 2012	Startup Weekend Amsterdam 2012
Magento	Jun 2011	Magento Developer's Paradise 2011
Magento	Oct 2010	Magento Developer's Paradise 2010
Mediaplaza	Feb 2008	Introduction to Information Security
(ISC)²	Nov 2007	Certified Information Systems Security Professional (CISSP) [continuation]
MySQL	Jan 2005	MySQL Core Certification (MCC)
Zend	Nov 2004	Zend Certified Engineer (ZCE) [PHP]
(ISC)²	Sep 2004	Certified Information Systems Security Professional (CISSP) [continuation]
PHP Magazine	May 2004	International PHP Conference 2004 Spring Edition
Sun	Sep 2001	Sun Certified Programmer for Java 2 Platform (SCJP)
(ISC)²	Jun 2001	Certified Information Systems Security Professional (CISSP)
Microsoft	Oct 2000	Developer Days 2000
Baltimore Tech.	Mar 2000	Mobile Commerce Security Seminar
InfoSupport	Nov 1999	Mastering MFC Development Using Microsoft Visual C++ 6.0

Activities

Open source projects

Aug 2001 - now

My own Laravel open source projects:

- [Laravel Blade Lint](#) - an artisan command to check [Blade](#) templates for syntax errors
- [Laravel API Logger](#) - a convenient way to log the content of inbound and outbound traffic to and from an API written in Laravel. (no longer maintained)
- [laravel-scripts](#) - a [Makefile](#) and [Envoy](#) deploy script to perform standard tasks related to Laravel, such as deployment, in a simple manner (currently undocumented) (no longer maintained).
- [Laravel HTML](#) - a fork of the Laravel HTML library of Spatie for use in PHP 5.6 (no longer maintained)

My other own open source projects:

- Scan a server regularly for unwanted processes: [Trojan scan](#)
- [Rebuild Thunderbird's popstate file](#)
- Magento plugin to automatically attach images to outgoing emails: [EmailImages](#) (no longer maintained)
(see also my website dedicated to Magento: [Magentron](#) (no longer maintained))
- PEAR package: [Crypt_Xtea](#) (no longer maintained)

Contributions to many different Open Source projects, among others: [claudex](#), [chief](#) (outdated): [Ecomdev](#), [PHPUnit](#), [fwanalog](#), [SnortSnarf](#), [Metabase](#), [modman](#), [NuSOAP](#), [PEAR: PHPDoc](#), [PHP: OpenSSL](#) module.

Alicante Tech Meetup Alicante

Oct 2013 - now

When I moved to Alicante I started the Alicante Python Meetup. However, as at that time neither the Meetup platform nor Python were sufficiently well-known in Alicante I broadened the scope of the meetup to technology in general.

Alicante Startups Meetup Alicante

Mar 2025 - Sep 2025

For about half a year, together with a few others we ran the Alicante Startups meetup group to support the original founder of the group.

Home Owners Association (VvE) Amsterdam

Aug 2006 - Dec 2011

For more than four years I was the treasurer of my Home Owners Association (VvE).

S.V. Cyclades Amsterdam

Oct 1993 - Aug 1998

Active member of students club Cyclades, in which I was a committee member of among others: the bar, sports en introduction committees and member of the fraternity Elysiion, current status: POR (Mail receiving old-member) ([Cyclades](#), Dutch).

Languages

Dutch	native
English	fluent
Spanish	fluent