

Curriculum Vitae

Name **Mark Lindhout**

Birthday February 28, 1980

Phone +49 160 97 08 21 23

E-mail mark@twb.berlin

Address Löwenburgweg 8
14169 Berlin
Germany



Professional history

Senior JavaScript- and Front-End-Developer @ Bundesdruckerei Berlin (2018, 4 months)

At the Bundesdruckerei I developed several user interfaces for SmartCard applications. I use various industry standard processes for the creation of specifications, wireframes, and the first round of user experience design. The applications I worked on are implemented with common front-end technologies. Re-usable, clean code was an important aspect of this project, and one of the requirements is to avoid using frameworks. This keeps technical debt low while maintaining high software quality.

Tech: *Object-Oriented Vanilla JavaScript (ES5, ES6), WebSockets, Browser Extensions, Python, Bash, GIT, SSL, FFmpeg (video encoding and video transcoding), Wireframing, UI Design, UX Design.*

Senior JavaScript Back-End Developer @ Nowtilus GmbH Berlin (2018, 5 months)

I've aided the very small team in the development of the Nemo Bridge application, deployment work-flows, and the implementation of a continuous integration and continuous delivery setup. I've done a great deal of server management and IT automation with Ansible here, and severely cleaned up, and stabilized the Nemo Bridge runtime. Nemo Bridge is used to manage media-, metadata- and transcoding-services that deliver live TV streams, video-on-demand and video advertisements.

Tech: *Ansible, Node.js, REST APIs, SSH, Git, Linux, FFmpeg, GPAC, MP4Box, Python, JSON, XML.*

Senior JavaScript- and Front-End Developer @ Aklamio Berlin (2016-17, 1 year and 3 months)

I've developed the core JavaScript libraries for Aklamio's referral portals. These libraries communicate with in-house Ruby APIs, and offers advertisers the capabilities to handle user registration, do Aklamio account logins, and to generate user-to-user recommendations.

At Aklamio I have also developed the Cashbar browser extension for Chrome and Firefox browsers. This extension allows recommendations, logins, and account registration from within your web browser.

Tech: *Ansible, Varnish, NginX, GIT, PHP, Wordpress, Symfony, Vagrant, Ubuntu, Debian, SSH, Gulp, Browser extensions, WebExtensions API, etc.*

Front-End Developer @ Publicis Pixelpark Berlin (2016, 3 months)

At Pixelpark I work on front-end projects within a team of designers, back-end developers and quality assurance engineers.

Tech: *GIT, Bash, Debian, Virtualbox, Vagrant, JavaScript, jQuery, Node.js, Gulp, PostCSS, CSS3, HTML5.*

Optimization Consultant for Web Performance @ Aklamio Berlin (2016, 1 month)

For Aklamio, I consulted on web performance issues. I analyzed their web stack and reported on issues relating to server performance, offered overviews of bottlenecks, reported and suggested practical performance solutions for Varnish Cache and NginX. I also consulted on improvements to JavaScript performance in Aklamio's widely-used social widget.

A combination of improved cache configuration, better web stack performance and improvements to client-side code greatly extends the lifetime of the application as well as the hardware it's running on. It saves cost, bandwidth, power, and reduces client-side requirements.

Tech: *Ansible, Varnish, NginX, Siege, AB, NC, GIT, Bash, Python, Ubuntu, Debian, Vagrant, JavaScript.*

WordPress DevOps @ Sparkassen-Finanzportal GmbH Berlin (2016, 4 months)

At the Sparkassen Finanzportal I worked on creating, testing and maintaining the developer workflow for WordPress web applications. This workflow is comprised of Ansible and relevant shell scripts, and run on a Jenkins continuous integration server that handles provisioning of web and mail servers, load balancers, and monitoring servers, and takes care of the deployment of WordPress. The workflow assures maintained server integrity (system updates and security patches) and implements access control lists (ACL), caching, load balancing, monitoring, dependency management, and many more.

Tech: *Ansible, Varnish, NginX, Munin, Wordpress, PHP, GIT, Bash, YAML, Ubuntu, Debian, Virtualbox, Vagrant, JavaScript.*

WordPress Plug-In Developer @ Sparkassen-Finanzportal GmbH Berlin (2016, 3 months)

At SFP I developed several WordPress plug-ins that are actively being used on their Intranet. These plug-ins hooked into a SOAP webservice and performed various verification actions to ensure high data quality. A special focus in these projects was digital security and data protection.

Tech: *WordPress, PHP, GIT, Bash, JavaScript, jQuery, Node.js, Grunt.js, LESS, CSS3, HTML5.*

Front-End Developer @ Raisin GmbH Berlin (2014-15, 1 year and 6 months)

At Raisin I've worked as a freelance front-end developer. Initially, I set up the entire website (based on WordPress) and accompanying IT-infrastructure. Later on, I worked as part of the front-end development team and consulted the developers, IT department and product owners in larger projects.

I set up coding standards, version control, developer machines, web server and caching server configuration. I developed a theme framework for the deployment of all the company's international web sites which greatly improved development speed, code stability and clarity.

Tech: *WordPress, PHP, GIT, Linux, NGINX, Bash, YAML, Virtualbox, Vagrant, Puppet, Ansible, JavaScript, jQuery, Node.js, Grunt.js, LESS, HTML5, CSS3.*

Front-End Developer @ Immobilienscout24 Berlin (2013-14, 1 year and 3 months)

Freelance as part of the front-end development team at Immobilienscout24.

I helped this department to greatly improve their workflow by introducing the Grunt build system to improve productivity and reduce errors and I also set up a build-chain focusing on optimization and cross-platform compatibility. I worked closely with designers, product owners and back-end developers in implementing a new responsive design for the B2B back-end of the web site, of course all tested on all major browser and devices.

In my time at Immobilienscout24 me and the front-end team developed a CSS framework for the quick and easy creation of IS24-themed prototypes. This was received very well, and has saved both the company and its developers a lot of time in remaining brand-conform and technically valid.

Tech: *JavaScript, jQuery, YUI3, Node.js, Grunt.js, LESS, HTML5, CSS3, PHP, SVN, GIT, Jira.*

Front-End Developer @ JustBook Berlin (2013, 2 months)

As a freelancer at JustBook, I developed against their Python-driven platform. This was already providing the mobile apps, and I made the desktop web application a reality.

Tech: *JavaScript, jQuery, HTML5, CSS3, Modernizr, Django Templating, GIT.*

Concept, Design, Code, Sysadmin @ Het Webambacht Rotterdam (2010-2013)

Het Webambacht is a collective of freelancers from the Netherlands. I fill the role of concept developer, designer and coder; a sort of all-round Front-End developer and designer with a healthy dose of system administration. Here, I take care of the complete package; from strategy development to design, from development to actual hosting. I work together with professionals in copy-writing, illustration, photography, video production and on-line marketing to complete my skills.

Front-End Developer @ ANWB Den Haag (2012, 1 month)

As a freelancer at the ANWB, I worked on various parts and various applications for the high-traffic ANWB website. Here I worked with PHP, Varnish, CSS, HTML5 and Javascript. Focus was on the development of rich HTML5 web pages with jQuery on the Front-End and Hippo 7 as a CMS.

Tech: *CSS3, HTML5, jQuery, Modernizr, Javascript, PHP, GIT.*

Front-End Developer @ Tam Tam Rijswijk (2012, 2 months)

As a freelancer at Tam Tam, I worked on a web applications that serves as a market-place for private contractors in the construction field. I developed prototypes and final Front-End code according to the principle of progressive enhancement with a responsive design for iPad, iPhone and Android platforms.

Tech: *PHP, Less, CSS2 and 3, HTML5, jQuery, Modernizr, GIT.*

Front-End Developer @ Cendris Den Haag (2011-2012, 3 months)

As a freelancer at Cendris (part of PostNL) I worked as a Front-End developer on various web applications. I created the visual identity, did the web design, and coded the Drupal 6 themes for these web apps. The themes were adjusted to work well on desktops as well as on smart mobile devices such as iPhone, iPad and Android tablets and phones.

Tech: *PHP, JavaScript, jQuery, Modernizr, HTML4/5, CSS2/3, Interface Design, CVS.*

Front-End Developer @ Cobeco Pharma Rotterdam (2011, 6 months)

My work as a freelancer here entailed the building, designing and management of two websites. One was the company's corporate site, and the other was their e-commerce solution. I took care of the complete implementation, including theming, analytics, email campaigns and online marketing.

Tech: *PHP, WordPress, Linux Server Admin, Bash, Email, MailChimp, jQuery, Modernizr, JavaScript, CSS2-3, HTML5, SVN.*

Front-End developer, Designer @ Trancon Nieuw-Vennep (2010, 8 months)

Trancon build e-commerce and logistic management software (WMS). At Trancon I filled the position of all-round designer for print, web, interface and user experience. I re-imagined Trancon's corporate identity, providing them with everything from a new logo to presentation templates. I also worked on the marketing of the two flagship products, both through email and online. I converted their two main product sites to WordPress, from installing and configuring the server to the template realization and Front-End optimization and cross-browser compatibility. The themes were optimized to work with desktops as well as tablets like the iPad.

Tech: *PHP, WordPress, CSS, HTML, jQuery, JavaScript, Linux Server Admin, Bash, SVN, Team Foundation Server.*

Front-End developer, Web designer @ Madcap Hardinxveld (2009, 6 months)

This company develops sites on the Drupal platform. My role here was the development of themes and templates for Drupal 5 and 6 and consulting for usability and interface design.

Tech: *Drupal 5, Drupal 6, PHP, CSS, HTML, jQuery, Modernizr, JavaScript, SVN, Bash.*

Freelance Front-End developer, Owner @ M.P. Lindhout The Netherlands (2001-2013)

I've been a web developer and web designer ever since I got out of high school. I'm a developer, but with a love for good typography and free software. Over the years I've done everything that has to do with the web; managing content, installation of servers, and everything in between. More recently I've focused on the technical aspects of running web sites such as hosting, back-end code and server administration.

Web designer @ E-touch Zaltbommel (2000)

Design of various web sites for a wide range of clients. My work consisted of the implementation of a design into front end code. The main focus here was compatibility across all main browsers, JavaScript development, and the production of standards-compliant HTML.

Tech: *HTML, CSS, JavaScript, Windows NT, Windows 2000*

Web designer @ g2o Lienden (1999)

At g2o I designed and coded websites, most of them static. I used my skills in the fields of HTML, JavaScript and CSS to build cross-browser compatible web sites. (Internet Explorer 4, anyone?)

Tech: *HTML, CSS, JavaScript, Homesite, Windows NT, Windows 2000*

Education

- 2006 AKI: Academie voor Beeldende Kunst en Vormgeving Bachelor's degree (HBO), Enschede
- 2001 Multimedia-Design & -Technology Minor (Propedeuse), Enschede
- 1997 CLV High school (HAVO), Veenendaal

Languages

- Nederlands (NL) Native speaker
- English (EN) Fluent
- Deutsch (DE) Working proficiency