

Simon Lang

Hi there! I build high-performance web applications.

I'm an Aussie web developer based in Brisbane. I have a Software Engineering degree, and more importantly, over *10 years of industry experience*. I specialise in Javascript & NodeJS development, but also have experience with a wide range of technologies, including PHP and .NET, and always love to learn new ones.

If you have a position you think would be suitable for my skillset, please feel free to email or call me. Ideally I would like to work with highly skilled programmers and designers that I can learn from and collaborate with to create amazing software.

If you're looking for a workhorse willing to put in 60+ hour weeks, or a genius capable of solving complex mathematical problems with ease, I may not be the right choice for you. However I do bring a methodical, experienced and measured approach to web application development, and a friendly easy going nature that allows me to communicate well with both fellow developers and non technical peers alike.

I will happily supply code samples, references, or links to software I have created - just ask. A detailed list of [skills](#) and a brief [employment history](#) can be found below.

- me@simonlang.org
- <http://www.simonlang.org/>
- [GitHub](#)
- [Stack Overflow](#)

Skills

I love learning new technologies and programming languages. However, these ones are my favourites, and the ones I consider myself most skilled with. Left to my own devices, I will usually choose from these technologies for new projects:

- Javascript (ES6), TypeScript or Coffeescript if necessary
- NodeJS & NPM
- Express, WebSockets
- AngularJS, Backbone, Underscore JS / Lodash
- React, JSX, Redux, Babel
- D3, NVD3, Highcharts, Chart.js
- Webpack, Babel, Browserify, Uglify, Grunt, Gulp
- Git, Gitflow, Semantic Versioning
- Jest, Mocha, Chai, Sinon, JSDom, Phantom
- LESS, SASS & Stylus
- Jade / Pug
- Bash, zsh, Make
- Leaflet / Google Maps
- jQuery (obviously)

Software/Sites I couldn't live without:

- Google Chrome
- Google Apps (Search, Mail, Drive, Maps, Calendar)
- VSCode, Sublime Text, vim
- Github, tig
- Spotify
- Stack Overflow

Technologies which I have plenty of experience with (5+ years), but am not currently using:

- PHP7, Composer, PHPUnit

- PHP 5.3, Symfony 1.4, Doctrine, Zend Framework, Code Igniter
- MySQL
- Apache
- ASP .NET (C#)
- Microsoft Windows, IIS, SQL Server, Visual Studio 2010
- Mercurial (HG), Subversion (SVN)
- Java & JSP
- Photoshop, Gimp
- Fogbugz, Kiln, JIRA, Bitbucket, Stash
- Heroku, Appfog, cPanel, WHM, Nodejitsu
- Selenium
- Vagrant

Have experimented with:

- Docker
- Symfony2, Laravel
- Meteor, Sails, Brunch, Marionette
- PhoneGap / Cordova

Employment History

Summary first, then scroll down for details

Summary

- 2016 - Present. Lens.org. Frontend Developer
- 2012 - 2016. Codeworx. Web Programmer (Node JS, Coffeescript)
- 2012: Digicon. Web Programmer (JS, .NET)
- 2011: Open Platform. Front-end web developer (HTML,CSS,JS)
- 2010 - 2011: Self Employed. Freelance web and application developer.
- 2006 - 2010: Kintek.com.au. Production Manager, Software Engineer (PHP, MySQL)
- 2008 - 2009: University of Queensland. Tutor (Web Information Systems)
- 2004 - 2005: Queensland Department of Child Safety. Youth Worker
- 2001 - 2005: Daily Mercury. IT Support

2016 - Present. Lens.org. Frontend Developer

Since 2016 I have helped the non-profit Lens.org with their mission to map the world's scholarly and patent data.

Projects use: ES6, React, Redux, D3, Angular, Backbone, Java, Spring, ElasticSearch

2012 - 2016. Codeworx. Web Programmer (Node JS, Coffeescript)

Since mid 2012 I have been working full time for Codeworx, producing a mobile web client for the Merge Gaming Poker network. The client is a single-page application that communicates in real time directly with the game servers using web sockets. Performance, security and usability are highly important.

We have also recently moved into Daily Fantasy Sports.

Technology Used: Coffeescript, NodeJS, Socket IO, Browserify, Gulp, Mocha, Jade, AngularJS, Grunt, PHP7, RabbitMQ, Vagrant, PHPUnit

2012: Digicon. Web Programmer (JS, .NET)

After returning from Scotland I immediately started working for a .NET Agency in Spring Hill called Digicon (now part of Deloitte). They produce Corporate websites, intranets and apps.

Technology Used: ASP .NET, C#, IIS, Responsive Design, Backbone JS, Sitecore, Orchard CMS, MongoDB, SQL Server, Entity Framework.

2011: Open Platform. Front-end web developer (HTML,CSS,JS)

Edinburgh .NET software house. Corporate-level web tools for big financial institutions and similar types of clients. Their software is very high quality. Since being here I've brushed up a little on my C# and SVN, got familiar with .NET MVC & IIS but mainly focused on creating the front-end of their new website, using jQuery and CSS3.

2010 - 2011: Self Employed. Freelance web and application developer.

One year working primarily through oDesk. Mostly 2-3 major projects and about 8-10 smaller, shorter ones. Almost all web applications.

Technology Used: Symfony 1.4, Doctrine, Javascript, Wordpress

2006 - 2010: Kintek.com.au. Production Manager, Software Engineer (PHP, MySQL)

When I joined Kintek there were only two staff members (my bosses). They treated me extremely well, and taught me how to produce professional websites. The company has since grown to about 10 employees, and now specialises in making highly advanced web applications. It's cutting edge stuff, with a team that loves it and I count myself lucky to have been a part of it. It was during my time at Kintek that I developed a real passion for Software Development, and the web as a platform.

Technology Used: PHP5, Zend Framework, Apache, MySQL

2008 - 2009: University of Queensland. Tutor (Web Information Systems)

At University I worked as a tutor for a third year Web Information Systems course (INFS3202), and even received a tutoring excellence award which I was pretty proud of. The course covered topics such as HTML, CSS, Javascript, PHP, JSP, Oracle, MySQL and making basic web apps. It was a relatively easy subject for a lot of students but I believed it was a good, practical course unlike a lot of the other subjects I took.

Technology Used: Java, JSP, Oracle, Apache Tomcat

2004 - 2005: Queensland Department of Child Safety. Youth Worker

During university holidays I occasionally worked as a youth worker. This basically involved taking care of some foster kids during the days when no one else was able to. Some of them were pretty challenging behaviourally but overall it was a very rewarding and interesting job.

Technology Used: Cars, Patience.

2001 - 2005: Daily Mercury (a local newspaper). IT Support

My main role was to provide technical support to the staff. My boss, the sysadmin was a real pro and I learned plenty about troubleshooting, networking and computer hardware. I also gained a bit of insight into the print industry.

Technology used: Microsoft Frontpage (lol), And Microsoft Access.

References, Work Samples

Available on request

Contact Me

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