#### Personal Details

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Education & Qualifications

2008 Bachelor of Arts (University of Waikato – New Zealand)

Majoring in Marketing and Screen and Media Studies

#### Profile

**Front-End and WordPress Developer** with over five years commercial experience with a variety of clients in multiple industry sectors, including Telecommunication, Education, Retail, Print Media, Government and Advertising. Core skills include HTML5, CSS, JavaScript, WordPress theme development.

Equally as happy getting stuck into a solo project as thrashing out ideas in a cross-discipline team to develop a solution. Enjoys a challenge and strives for continual improvement to develop in better, quicker, more efficient ways which has enabled successful training and mentoring of colleagues.

Excellent communication skills proven through effectively working with people from both technical and non-technical backgrounds. Motivated by bringing designs to life.

#### Technical Skill Summary:

**Job Title:** Front-End / JavaScript Developer

**Languages:** HTML5, HTML, XHTML, CSS3, Sass, LESS, JavaScript, JSON, PHP, XML, ActionScript 3.

**Frameworks / Libraries:** AngularJS, Knockout.js, RequireJS, Node.JS, Express, Backbone.js, Sammy.JS, Google Maps API, CKEditor, Compass, Twitter Bootstrap, Modernizr, jQuery, jQuery Mobile, PhoneGap, Sencha Touch**,** WordPress, High charts.

**Development Tools:** Sublime Text, Ant, Grunt, Gulp, npm, bower, Subversion, Git, TeamCity, Codebase, DeployHQ, Jenkins CI, Jira, Confluence, Photoshop, Adobe Fireworks, Illustrator, Flash.

**Methodologies:** Scrum.

**Databases:** MySQL, CouchDB

**Project experience:** SaaS, UI development, Facebook applications, web applications, mobile web applications, responsive design, WordPress theme and plug-in development, API integration, YouTube brand channel, Touchscreen Kiosks.

**Operating systems:** Windows XP, Vista, 2007, Mac OS X.

**References available on request**

**Employment History**

###### March 2015 – Present Spark Ventures, Auckland

*Spark Ventures is an offshoot of Spark New Zealand (formally Telecom) that focuses on building new business in the form digital experiences. These include Skinny, Big Pipe, Lightbox, Qrious and recently Morpork.*

**Senior Front-End Developer.**

Employed as a Senior Front-End developer to join the enablement team to build and maintain web applications for the other ventures. Primarily working in a scrum team with three developers and one tester, we would also work closely the wider enablement team to ensure that our development, testing and releases match the business requirements.

As Senior Front-End, I was frequently involved in code reviews and guiding junior developers and interns.

**Responsibilities:**

* Participate in refinement meetings to scope upcoming storys.
* Work on technical grooming documents for project deliverables to consider functional, design and system architecture specifications.
* Cross browser and platform development of software deliverables.
* Front-End development as part of a Scrum team.
* Assist in reviewing CV’s for new applicants, write technical tests and participate in the interview process.

###### Jul 2012 – March 2015 ELGIN, United Kingdom

*ELGIN’s primary product is roadworks.org, a web based service that delivers real-time access to official roadworks information from over 140 public bodies. The services are also embeddable into 3rd party web sites, with an API that exposes advanced features and options.*

**JavaScript / Front-End Developer.**

Employed as a Front End developer to work on the existing roadworks.org web application, and develop the traffic management application. Primarily working in a team four on this project, but often working as part of a larger team to focus on the wider business direction. It was standard practice at Elgin to be involved in pair programming and code reviews to ensure the best product is delivered. This role is highly JavaScript orientated with a focus on good quality and maintainable code.

**Responsibilities:**

* Scoping of project deliverables and refinement of functional, design and system architecture specifications.
* Research and development with emerging web technologies / frameworks and implement suitable solutions to roadworks.org.
* Cross browser and platform testing of software deliverables.
* Front-End development in both a team and solo environment.
* Working closely with the Project Manager and Senior Developers to help deliver the best solutions to fulfil both technical and business specifications.
* Participate in regular Scrum and Sprint Planning meetings to discuss development progress, plan next steps and uncover any blocks in progress.
* Track development done in Codebase & Jira against assigned tickets, and commit projects using either GIT or SVN.

Some of the projects I worked on while at Elgin are:

**Roadworks Portal**<https://youtu.be/GwsHtbxKJVQ>  
<http://roadworks.org/>

Roadworks.org is a publishing platform used by utility companies and local authorities throughout the United Kingdom. The data published on this system mainly consists of roadworks, traffic incidents and accidents, events and non-streetworks activities and other specialised data layers such as HGV and winter gritting routes. The platform also provides an email alerting system & a journey planner.

This project is built with JavaScript and utilises BackboneJS and RequireJS to give structure to the application using the AMD format. The application is an embeddable service which relies on a script loader that is called using the API, the loader will then fetch any dependencies and load them into the page. All the HTML elements are created with JavaScript, we use the underscore.js library as a JavaScript tempting engine, this means we can use real HTML files, which are then fetched using RequireJS and rendered to the page. The application is optimised using a Node.Js & Grunt build process that runs as part of a Jenkins continuous integration system.

**Traffic Management App**:  
<https://youtu.be/4ND26iruNMQ>

The Traffic Management app is built on top of the roadworks.org platform, and allows subscribing Local Authorities to create Traffic Management Plans. This allows operational staff to plot road closures & associated diversion routes. The UI is built using the Google Maps API, so plotting traffic management is a drag & drop process. This data can then be published to the roadworks.org platform, and be used to generate PDF documents (based on templates the app allows users to set up), which are then used as legal documentation to action the Temporary Traffic Regulation Order.

This project uses the roadwork.org API for many functions and shares a similar development stack. It is built with HTML5, JavaScript using RequireJS to handle AMD patterns & KnockoutJS to handle application view & logic. It is a single-page application, so it uses Sammy.js to handle routing. Twitter bootstrap is used to aid with UI components, and for CSS we use Sass with Compass as a preprocessor. CKEditor is used as a WYSIWYG editor for the PDF document generation.

###### Mar 2012 – Jun 2012 (Contract) Isobar Mobile, United Kingdom

*Isobar Mobile are a full-service mobile agency with a focus on cross platform development deliver solutions for Smart phones, Feature phones, Tablets and Web. Isobar’s clients include Diageo, Kellogg's, Vodafone, DHL and The Royal Navy.*

**Front-End Web Developer.**

Contracted as a Front-End Web Developer to work on client project, as part of a team of 25. I worked on a number of projects primarily targeting mobile devices which involved a mixture of Front-End, WordPress and API integration.

###### Sept 2011 – Jan 2012 Born Digital, New Zealand

*Born Digital design and develop websites, SaaS applications, touch screens, mobile apps, and content management solutions. Born Digital have developed work for some of Australasia's biggest brands, including Vodafone, Microsoft, Air New Zealand and Hyundai.*

**Front-End Web Developer.**

Employed as Technical Front-End Web Developer as part of a team of 9, to maintain existing sites as well as develop new projects for clients. I was also responsible for researching new techniques, mainly HTML5 alternatives to flash as most projects needed to work on both desktop and mobile devices. My responsibilities included utilising responsive design techniques to develop sites for clients that span across multiple platforms, act as technical Front-End lead to assist junior Front-End developer with problems, educate other team members and ensure the Back-End and Front-End integrates smoothly with CMS and Database design.

###### Nov 2010 – Sept 2011 &some, New Zealand

*&some create and build physical computing interfaces, applications (web & mobile), digital strategies, interactive installations, data driven insights, projection mapping installations, live visuals. Some of &somes’ clients include IBM, Hewlett Packard, NZ Post and Heineken.*

**Web Developer.**

Employed to develop new web sites and applications, maintain existing client’s sites. This position involved a mixture of Front-End development and PHP / WordPress development. My responsibilities included supporting, maintaining and updating clients’ websites, providing training and on-going support for CMS based products, developing custom WordPress themes and plug-ins and meeting with clients to scope projects.