Jacob Friesen - Front End Developer

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Profile

- Over four years of on the job Software Development experience complemented with over seven years of developing side projects in my spare time.
- Deep understanding of JavaScript with experience in client side, server side and phone environments.
- Creator of the [Obscure JavaScript blog](), a popular JavaScript blog with over 9000 followers on Tumblr. All original content.
- Bachelor of Computer Science (Honours) graduate.

Skills

This is just a summary of my core skills, for full details [go here]().

Programming

Skill	Years	Level
JavaScript	5+	Expert
• pure	5+	Expert
• AngularJS (Full MVC)	2+	Advanced
• jQuery	2+	Advanced
• Jasmine + Other Libraries (Unit Testing)	2+	Advanced
• Protractor (End-To-End Testing)	2+	Advanced
• Node.js (Server Side)	3+	Advanced
HTML	8+	Advanced
CSS (Including Preprocessors)	8+	Advanced
Java	4+	Intermediate
Ruby On Rails	1+	Intermediate
Python	2+	Intermediate
SQL	1.5+	Intermediate
Erlang	0.5+	Basic

Back End

Skill	Years	Level
Apache HTTP Server	2+	Intermediate
Gulp.js (Task Runner)	1+	Intermediate
Grunt.js (Task Runner)	2+	Intermediate
Git (and Github)	3+	Intermediate
MySQL	1+	Intermediate

Environment

Skill	Years	Level
Linux Admin	3+	Advanced
Mac OS X Admin	2+	Intermediate
Windows Admin	9+	Intermediate

Work Experience

For older work experiences, see my LinkedIn Profile.

2013 August - Current Software Engineer VeriAS

I design and develop interfaces across multiple products (including architecture).

- Develop the single page UI structure, automation, testing and other essential aspects. Using the JavaScript MVC framework Angular.js and supported by Node.js tasks via Gulp.js (Switched from Grunt.js).
- Design the user experience and help design the general user processes across the various projects.
- Ensure that the visual designs are appealing and usable across multiple devices.
- Using Angular.js, tested with Jasmine.js and Protractor.js which runs on Selenium. Created a CI server (Jenkins based) to test across multiple browsers and operating systems among other functions.

2012 May - August Co-op Work Term 3 Web Developer CanadaDrugs.com

Improved Panda, the internal web application. Panda managed the business from all of the pharmacy sites. Worked in an Agile Environment.

- Using HTML, SCSS (CSS preprocessor), and jQuery, I designed and updated many front end interfaces.
- Implemented server code in Ruby on Rails which connected to a MySQL database.
- Improved a small HR application which had a Twitter Bootstrap interface and a Ruby on Rails backend.

2011 August - December Co-op Work Term 2 Web Developer Iders

Added a new Inventory Location Management system to the current Information Management System. This new system includes 5 different sections which all had different hardware and software environments.

- Used Ext JS, AJAX and some HTML/CSS to design the front end interfaces, with back end code mainly in Python with some JavaScript (Titanium Studio Libraries) and ZPL.
- Additionally, improved system performance in general by a factor of 2 and added a way to save all window placement state between sessions.
- All work was done in Ubuntu (Linux variant).

Education

2008 September - 2013 April, University Of Manitoba, MB

- B.C.Sc. Honours Degree - Co-operative Option
- Concentration in Software Engineering

2004 September - 2008 June Westwood Collegiate, MB

Volunteering

2015 July - Now VP Of Public Relations

Toastmasters, Delray Beach, FL

- Manage online presence across social media.
- Design and run membership campaigns when needed.
- Participate in decision making meetings with other club officers.

2014 July - 2015 June Sergeant at Arms

Toastmasters, Delray Beach, FL

- Every meeting I started the meeting and introduced the Toastmaster.
- Participated in decision making meetings with other club officers.
- Helped reduce costs by developing a strategy to bulk print certian materials.

Interests

In my spare time I work on web projects on [Github](#). I also blog on JavaScript at my [Obscure JavaScript blog](#).