Jacob Friesen - Web Developer

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PROFILE

- Bachelor of Computer Science (Honours) student, graduated in May 2013.
- Two years of on the job Web Development experience complemented with over seven years of developing websites in my spare time.
- Deep understanding of JavaScript with experience in client side, server side and phone environments.

TECHNICAL SKILLS

Programming

Skill	Years	Level
JavaScript	5+	Expert
• pure	*5+*	*Expert*
• Angular	*1+*	*Intermediate*
• Underscore/Lodash	*1+*	*Advanced*
• jQuery	*2+*	*Advanced*
• Jasmine	*1+*	*Intermediate*
• Mocha	*1+*	*Intermediate*
• Ext JS	*4 mo+*	*Intermediate*
• Titanium	*4 mo+*	*Intermediate*
• Backbone	*2 mo*	*Basic*
HTML	7.5+	Advanced
• HTML 5	*3.5+*	*Intermediate*
• HAML	*4 mo+*	*Intermediate*
• Jade	*1.5+*	*Intermediate*
CSS	7.5+	Advanced
• CSS3	*3+*	*Intermediate*
• Twitter Bootstrap	*1+*	*Basic*
Node.js	2+	Intermediate
JSON	4+	Advanced
XML	2+	Advanced
Java	4+	Intermediate
Ruby On Rails	1+	Intermediate
Python	2+	Intermediate
C/C++	1+	Intermediate

Skill	Years	Level
SQL	1.5+	Intermediate
.Net	2 mo	Basic
PHP	1+	Intermediate

Back End

Skill	Years	Level
Apache HTTP Server	2+	Intermediate
Git	2.5+	Intermediate
MySQL	1+	Intermediate
PostgreSQL	4 mo+	Basic
IBM DB2	8 mo+	Basic

Environment

Skill	Years	Level
Linux Admin	3+	Advanced
Mac OS X Admin	2+	Intermediate
Windows Admin	9+	Intermediate
Android	1+	Intermediate
iPhone	4 mo+	Basic

WORK EXPERIENCE

2013 August - Current Software Engineer, SiftLogic

Working on the front end for Siftlogic's customers.

- Adding new features to the current UI using JavaScript with Backbone and Bootstrap.
- Developing UI structure, automation, testing and other essential aspects for the new single page UI.
- The new UI is using Angular.js, unit tested with Jasmine.js and Sinon.js, and end-to-end tested using Protractor.js which runs on Selenium. I have setup a Selenium Grid to test across multiple browsers and operating system
- Developing HTTP and FTP API connection libraries for users who prefer CLI interfaces in .Net, PHP, and Node.js

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

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

- Using HAML (HTML templating), Javascript (lots of jQuery and AJAX), and SCSS, designed and updated many front end interfaces.
- Implemented server code in Ruby on Rails which connected to a MySQL database.
- Improved 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](#)

Defined the Inventory Location Management (ILM) system architecture and user experience of the Iders Information Management (IMS) website.

- Designed the front end (client side) with Javascript (ExtJS library) and HTML/CSS.
- Implemented the back end server code using Django with a PostgreSQL database. Coded multiple types of devices including an Android phone and Zebra printer to provide and extract data from the ILM system.
- Improved efficiency of page loading and GUI function in addition to adding some extra features to the core IMS website.

2011 January - April Co-op Work Term 1 Web Developer, [Agriculture and Agri-Foods Canada](#)

Redesigned and managed the back end (server side) of all the Rural Water Resources Planner website's tools using Java.

- Redesigned and managed the front end (client side) of the website using a mix of JSF, HTML/CSS, and JavaScript. Client side development mainly involved designing graphical user interfaces for the website's tools.
- Participated in defining user experience, page designs, software architecture and other web application essentials for the whole website.

EDUCATION

2008 September - 2013 April Winter, University Of Manitoba, MB
- B.C.Sc. Honours Degree - Co-operative Option
- Concentration in Software Engineering

2004 September - 2008 June Westwood Collegiate, MB

VOLUNTEER EXPERIENCE

2014 July - Now Sergeant at Arms
Toastmasters, Delray Beach, MB
- Every meeting I start the meeting and introduce the toastmaster.
- Ensure that the meeting room is booked and materials like evaluation sheets are available.
- Participate in decision making meetings with other club officers.

2009 Winter Donation Assistant, Five Days for the Homeless
U of Manitoba, MB
- Operated a donation booth with another person to convince people to

donate.

- Assisted in handing out flyers to university students passing by.

2007 - 2008 Council Member, Student Council

Westwood Collegiate, MB

- Introduced original ideas for events as well as evaluated and discussed other ideas for events.
- Assisted in the organization and planning of events in the year.
- Also helped on the day of the events with event details.

INTERESTS

In my spare time I work on web projects, applying new technologies and ways of coding to help solve the problems I encounter.

REFERENCES

References available on request.