

Donovan Mikrot

Software Craftsman

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Professional Experience:

Perficient Inc. – Minneapolis, MN

May 2011 – Current

Senior Technical Consultant

As a consultant, my roles and responsibilities varied from one project to the next. I have served as a customer support technician, web developer, mentor, project lead and liaison. I was able to deliver significant value to Perficient clients and my skills were indispensable for the success of each project. My colleagues and junior developers would often rely on me for advice and guidance. When one of my projects decided to use remote resources from our India office, I was a natural choice to spend two weeks in India to assist them with on-boarding and project specifics.

Aside from projects, I also took on several internal initiatives to encourage best-practices within our company. For example, these initiatives included: using Git instead of SVN, and writing modular JavaScript instead of jQuery spaghetti. I also obtained Scrum Developer certification and attended technology conferences.

Medioh Inc. – Denver, CO

May 2009 – April 2011

Software Developer

Worked on an Agile/Scrum team to design and develop an app platform running on various Internet connected cable set-top boxes using XML, HTML, CSS, and Javascript. The apps were written using XML and then compiled using Ruby. Apps used AJAX to connect to a Ruby on Rails server to load data and play videos. The platform was deployed for a French cable company.

Ported apps written on our platform to run on the Samsung Internet@TV with necessary modifications to conform to Samsung's UI guidelines. Wrote an App to list, sell, and play videos with a free version of the App that has been downloaded by over 25,000 users.

Prepared demos for trade shows such as CES, IBC, and NAB. Demos were either installed on a laptop due to Internet availability at the booths or were run from a demo servers on Amazon EC2. Personally transported demo equipment and setup demos at booths and troubleshooted any problems. Occasionally gave demo sales pitches when the salesperson was on break or in meetings.

Programming Knowledge & Skills:

- Operating Systems
 - Unix/Linux, Windows, Android Devices
- Languages
 - Javascript, Java, Ruby, HTML5, CSS3, JSON, C, C++, SQL, Scheme, Lua, XML, YAML, UML
- Technologies
 - jQuery, AJAX, AngularJS, Backbone, MarionetteJS, Ruby on Rails, Spring, Android SDK, GWT, Swing, OpenGL, Amazon EC2, Git, SVN

Most recent version available at: http://www.donovan.mn/static/Donovan_Mikrot_Resume.pdf

Education:

Colorado State University – Fort Collins, CO

2005 – 2009

- Academic Honors program
- Bachelors of Science: Major in Computer Science

Internships:

Hewlett-Packard – Fort Collins, CO

May 2008 – Aug 2008

QA Intern

Configured Linux Integrity class servers in a lab environment by swapping CPUs, memory, and backplanes, installing SAN cards, and cabling JBODs. Installed various Linux distributions with varying RAID configurations for testing. Used an automated test suite to test beta versions of SAN card firmware under normal and high loads.

The automated test suite used YAML files for configuration that were manually edited by the test team in a time-consuming way. I proposed, designed, and implemented a tool to automatically generate the YAML files after test parameters were input in a Java Swing GUI.

Colorado State University – Fort Collins, CO

Mar 2007 – Nov 2007

Web Development Intern

Performed content and semantic updates for several writing guides provided on the Writing@CSU website using ColdFusion and HTML.

Colorado State University – Fort Collins, CO

Aug and Sept, 2006 and 2007

Clean Access Agent Technician

Provided help-desk technical support to incoming CSU students who encountered networking problems. Computers on the university network were required to be up-to-date and run the Cisco Clean Access Agent. Diagnosed Cisco Clean Access Agent and Cisco VPN Client problems on Windows XP, Vista, OSX, and Linux computers.

Acxiom Corporation – Shoreview, MN

Jun 2006 – Aug 2006

Technology Intern

Responsible for tracking the completion or failure of the daily and weekly backups and reporting status to management. Removed and replaced full managing storage tape drives from robotic and non-robotic backup servers. Packaged tapes for transport to offsite storage facility.