

Angelo Lakra

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Summary

I am a software engineer with experience in industrial control systems and a passion for infusing web development in whatever I do.

Skills

Languages: Ruby (2+ years), Python (1+ year), PHP (1+ year), Javascript (1+ year), HTML/CSS (10+ years), XML (2+ years)

Technologies: OOP, MVC, RegEx, mERB, Rails, Pylons, Rspec, Unicode, i18n, Mongrel, Nginx

Javascript Frameworks: jQuery, ExtJS, mootools, prototype.js

Operating Systems: UNIX (Debian/Ubuntu Linux), Windows, Mac OS X

Databases: MySQL, SQLite

Tools: Emacs, Git, SVN, Firebug, Gimp, Photoshop

Education

B.S. Computer Engineering Technology, Southern Polytechnic State University, 2004 - Marietta, GA

Experience

Rivet Software, Englewood, CO - May 2008 (1 Month Contract)

Financial Reporting Software - Contract Software Engineer

Tasks and Responsibilities:

- * Built a Ext JS/Ruby based prototype/proof-of-concept web application that allow users to create XHTML-based "Report Template".

RODI Systems, Aztec, NM - February 2005 to April 2008

Water Treatment Controls - Software Engineer

Tasks and Responsibilities:

- * write 90% of code on remote and local Linux (Debian and Ubuntu) environments
- * coding new commercial website for company using Rails, prototype.js, Nginx, Mongrel, and MySQL
- * coding custom framework in Ruby to automatically generate CSS and HTML for industrial touch screens
- * coding Javascript infused Pylons (Python) websites into embedded Linux devices for remote monitoring of control equipment
- * coding parser in Ruby for custom S-exp ladder logic (very Lispy) for programming language translation
- * interpreting client specs to manager and software developer peers to get things rolling
- * evaluating new electronic hardware for use in our own products (embedded Linux, PLCs, etc.)
- * usage of subversion to track all major projects
- * writing ladder logic code for custom water treatment controllers (pools, filters, reverse osmosis)
- * writing online and printable documentation for testing electronic hardware

Lakra Web Design and Software Development, Durango, CO - January 2007 to Present

My own web design company that I operate on nights and weekends.

Tasks and Responsibilities:

- * write all code on remote Linux environment (Ubuntu)
- * coding custom web sites for local clients using Rails and jQuery
- * hosting web services using a Linux VPS time slice (Ubuntu)
- * maintaining a Postfix email server for clients using Squirrelmail