

WATTS MARTIN

3595 Granada Avenue, Unit 239
Santa Clara, CA 95051
408 807 6139

wattsm@mac.com
<http://www.linkedin.com/in/wattsmartin>

Profile

Web developer with extensive "LAMP" experience (Linux/Unix, Apache, MySQL, PHP). Focused on current standards, including CSS 3 and HTML 5. An advocate of MVC-style frameworks such as symfony and Django. Good communication skills, with a background in writing, editing and print layout.

Technical Skills

- *Web Front End:* HTML 4/5, CSS 2/3, jQuery
- *Web Back End:* Apache, nginx, MySQL 5, PostgreSQL 8, symfony, CakePHP, Django, Flask, SQLAlchemy, RabbitMQ
- *Languages:* Python, PHP, Javascript, zsh (shell)
- *Other Tools:* Jira, Bugzilla, Trac, Mercurial, Git, Subversion, unit testing
- *Systems:* Mac OS X, Linux (CentOS/RHE, Ubuntu), Windows
- *Design:* technical writing, copy editing, graphic design, web design, page layout

Experience

Consulting Web Development, Santa Clara, CA

Feb. 2011–Present

- Implementation of new back end for RivalZone, an iPhone/Android app for golfers. Using Flask and SQLAlchemy (Python) and RabbitMQ, an AMQP message broker.
- For an earlier incarnation of RivalZone when it was a more general sports-focused social networking program, created a new notification mail system using PHP and MySQL.
- Created new RivalZone landing pages for consumers and marketing campaigns.
- Adding new features and fixing bugs for StoreVantage, a symfony-based SaaS package for small business owners started by former leads at Hotwire.

Senior Software Engineer, Nokia, San Francisco, CA

Oct. 2009–Dec. 2010

Development on the web components for "Point & Find," an augmented reality application for Nokia smartphones.

- Implemented a streamlined registration/ordering system using the symfony PHP 5 framework, significantly improving conversion rate.
- Working with marketing, designed and deployed new landing site for better brand communication.
- Integrated the management system with Nokia's "Ovi" single sign-on system (based on OAuth).
- Development work on proof of concept phone search software using Qt Quick.

Fiji Island Escapes (contract web development)

March 2009–Jan. 2010

Developed Fiji Island Escapes travel web site, a location-specific hotel booking service.

- With mockups and graphics provided by client, produced website layout in Adobe Fireworks and developed complete application in CakePHP with jQuery.
- Designed database using MySQL Workbench.
- Selected web hosting provider and configured and deployed testing and production environments, with Trac/Subversion for issue tracking and source code control.

Senior Software Developer, Illumant LLC, Palo Alto, CA *Feb. 2008–Oct. 2008*

Co-developed (programming, front-end design and database architecture) Illumant’s Compliance Assistant, an SaaS application to manage audited control activities for regulatory compliance.

- CakePHP and MySQL on the back end.
- Prototype, Scriptaculous, and YUI AJAX libraries.

Contracting/Consulting Work, San Francisco Bay Area ***Oct. 2002–Jan. 2008***

Software Developer (Contract), Illumant LLC, Palo Alto, CA *Aug. 2006–Jan. 2008*

Co-developed CIPSAT, a homeland security self-assessment tool developed for the Department of the Navy under subcontract to Secorix.

- Designed with an in-house PHP 5 MVC framework and the Smarty template system.
- Developed on MySQL, deployed on IIS with Oracle.
- Coded several subsystems and designed the main user interface flow.

Content Manager, Cisco Systems (through Armada Group), San Jose, CA *Nov. 2004–March 2006*

Webmaster and technical writer for CDE, an internal development environment being created for Cisco’s web application engineers.

Technical Writer, Global Locate (now Broadcom), San Jose, CA *Feb. 2004–July 2004*

Authored three software installation manuals and end user operations manual for A-GPS (“Advanced GPS”) system, using FrameMaker and Microsoft Word.

Data Analyst, There Inc. (now SAIC), Menlo Park, CA *Jan. 2003–Nov. 2003*

Performed “data mining” and created reports monitoring There’s virtual world service.

Linvatec (contract web development), Tampa, FL *Oct. 2002–Dec. 2002*

Designed, developed and deployed a job applicant tracking system for a medical equipment company, using PHP and MySQL on Mac OS X Server.

Software Engineer III, Netwolves Technologies, Tampa, FL *Feb. 2001–July 2002*

Developed web-based user interface for the FoxBox (later renamed WolfPac), a firewall/VPN appliance. Back end driven by FreeBSD, Apache, PHP and PostgreSQL.

Network Analyst, Intermedia Communications, Tampa, FL *Nov. 1995–Feb. 2001*

Managed capacity on a private statewide frame relay network for company’s largest customer.

Education

New College, Sarasota, FL (72 credit-hours’ equivalent toward English/Humanities)

References available upon request (or visit LinkedIn).