

## WATTS MARTIN

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

[http://www.ranea.org/  
wattsm@mac.com](http://www.ranea.org/wattsm@mac.com)  
<http://www.linkedin.com/in/wattsmartin>

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

### Skills

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

### Experience

*Lead Developer, TRAIL, San Francisco, CA*

*Mar. 2013–Present*

- Assumed all development roles, both front- and back-end, for JobScout, TRAIL's online internet literacy platform, as well as system administration role. Platform coded in "native" PHP with jQuery and a MySQL back end.
- Implemented new features and design for TRAIL's presentation at TechCrunch Disrupt 2013.
- Architecting a new TRAIL platform using Laravel 4 on the back end.

*Software Engineer, Jupiter, Santa Clara, CA*

*Feb. 2012–Mar. 2013*

- Implementation of new modules for Jupiter SIS, a web-based student information system. Written in "native" PHP (no MVC framework) with some Javascript; MySQL back end.
- Set up company's first version control repository.

*Consulting Web Development, Santa Clara, CA*

*Feb. 2011–Feb. 2012*

- 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, created 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. (Rebranded as "City Lens" for current Nokia devices.)

- 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 front end 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.

- Produced website layout in Adobe Fireworks from client-provided mockups; developed complete application in CakePHP/jQuery, including database design 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.

## **Education**

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