

# Simon Michael

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Marina del Rey, Los Angeles, CA, USA

## Skills & technologies

Unix, GNU/Linux, Windows & Mac OS systems administration & support (20 years) - Website & web app development & hosting (17) - Free/open source software project management (12) - Wiki building & engine design (12) - Technical writing & documentation management (11)  
Python (12 years) - Zope (11) - Plone (7) - C (6) - PHP (4) - Squeak Smalltalk (4) - Postgresql/Mysql (4) - Haskell (3) - Ruby/Rails (1) - Emacs Lisp, Scheme/Racket, Perl, IO

## Experience

### 2007-present: Consultant, Joyful Systems

- refactoring, upgrades, development and maintenance of [kcrw.com](http://kcrw.com) & related systems (plone, zope, zeo, apache, squid, php, javascript, postgres, mysql, filemaker, gnu/linux systems administration)
- built a team and solved critical performance problems with KCRW's plone setup, rescuing their multi-year investment
- helped design, build and integrate a new state-of-the-art media player/promo management system for [kcrw.com](http://kcrw.com)
- provide design review, support and technical liaison for other projects/contractors
- provide support and training for KCRW web team
- set up a staff wiki, code revision control; analyzed, documented and refined content management and development processes

### **2006-2007: Web developer, Bitscribe**

Built and maintained diverse rails and php enterprise apps within a high-throughput agile team:

- a warehouse inventory tracking system
- a complete operations management system for a large window manufacturer
- a project management and dubbing/casting application for a leading movie dubbing service
- a personalized stress-reduction service
- ordering and fulfillment back end for wearefamily2006.com
- recruitment extra/intranet features for Bitscribe

### **1996-2006: Consultant, Joyful Systems**

#### **1991-1996: Software engineer, Retix/Sonoma Systems**

- embedded systems, bridges/routers/switches, C, debugging..
- designed and implemented new menu system for Retix product line
- network management, SNMP, C++..
- systems/network admin, scripting languages, web evangelism..

#### **1990-1991: Support engineer, Retix Ireland**

- customer support, troubleshooting & debugging X.400 mail server and OSI network protocols

#### **Early projects**

- 1989: Hypercard-based midi sequencer
- 1986: Irish Young Scientists exhibitor, remedial english instructional program

#### **Education**

- BA, BAI in Computer Engineering & Mathematics, Dublin University, Ireland, 1990