

# Michael Granger

Journeyman Programmer/Web Application Developer

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## Profile

I am a passionate, dedicated craftsman with twelve years of experience in the field of software development and web application development. I specialize in the setup, creation, and maintenance of web applications, intranet utilities, back office tools, and distributed systems. I am an enthusiastic generalist, dedicated Agile practitioner, and avid member of the Open Source community.

I enjoy working in a challenging environment, preferably using MacOS X, FreeBSD, or Linux, for a company that cares about quality work. An atmosphere of learning, craftsmanship, and most importantly enthusiasm for the work and for technology in general is paramount.

## Experience

### Senior Software Developer, [LAIKA, Inc](#); Portland, OR – 2006–present

I was the first member of, and created the foundations and systems for a new Information Systems department within the Information Technology group at this media and entertainment group. I designed, implemented, and delivered integrated intranet web applications for other departments, including a fixed-asset tracking system, and the company's web-based job board and online job-application and applicant-tracking system. I mentored other developers, gathered requirements from and gave walkthrough presentations to internal customers, and performed numerous system administration and integration duties.

### Developer, [ThoughtWorks](#); Chicago, IL – 2004–2006

I functioned as a member of several web application development consulting teams, delivering consistent, well-tested software and tools to clients in the Fortune 500, and provided system administration and setup as the client required.

### Developer, [LiveJournal.com](#); Portland, OR – 2003–2004

As a developer on one of the Internet's most heavily trafficked websites, I built backend systems for analysis and coordination of database clusters and application servers, network daemons, testing tools, and client-side user interfaces for journalling and picture-hosting.

### Partner, [RubyCrafters, LLC](#); Denver, CO – 2002–2003

As a founding member of an ambitious consulting startup, I set up and maintained the company's IT infrastructure, which included PostgreSQL and MySQL instances, three web servers, a mailserver, DNS, and four client development workstations using MacOS X and Linux.

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### **Linguistics Programmer, [Vericept Corporation](#); Denver, CO – 2001–2002**

I set up and maintained a testing and development environment for the Linguistics department, which included a webserver; MySQL, BerkeleyDB, and Oracle instances; an automated field equipment diagnosis and upgrade network; and a quarantined network for testing virus and malware detection.

### **Skills**

I have the most experience using Linux, FreeBSD, and MacOS X, but I also have some experience supporting Microsoft Windows workstations. I have set up and maintained MySQL, PostgreSQL, Oracle, BerkeleyDB, and various other databases, as well as numerous other network services. I am also a competent software developer.

### **Personal Projects**

In addition to my professional work, I have started or contributed to a number of Open Source projects:

- Arrow – An web application framework for Apache+mod\_ruby. (Ruby and C)
- [FaerieMUD](#) – An online interactive role-playing game. (Ruby and C)
- MUES – An online collaborative environment server, written for FaerieMUD, but released separately under the Artistic License. (Ruby and C)
- Ruby-MemCache – a Ruby client library for memcached, a high-performance distributed memory cache. (Ruby)
- BlueCloth – A Ruby implementation of Markdown, a tool for web writers.
- RDoc HTML Template – I contributed the design and source for default HTML template for RDoc, Ruby's standard API documentation system, which is now distributed with Ruby itself.
- Ruby Linguistics – A generic framework for extending Ruby classes with natural-language utility methods, and a suite of English-language linguistic functions. (Ruby)
- Ruby-WordNet – A Ruby extension for accessing and manipulating WordNet databases. WordNet is a lexical reference system used to look up word relations. (Ruby)
- IO-Reactor – A Ruby implementation of the Reactor design pattern for multiplexed asynchronous single-thread IO in Ruby. (Ruby)

### **Education**

#### **Metro State College of Denver**

English Major, Computer Science Minor

#### **Rocky Mountain High School**

College Preparatory, English & Foreign Language Focus; Graduated, June 1988