

Education

Illinois Institute of Technology

Chicago, IL: 8/2000 - 5/2004
BS in Computer Science

Relevant Skills

Languages with >10k lines of code	Java, Common Lisp, JavaScript, PHP, Shell Script
>1k Lines of Code	Ruby, Python, C++
Things to ask me about	Vim, Linux (Gentoo/Ubuntu), Unix toolchain (grep, sed, etc.) Maven, Agile, Subversion, AccuRev, Rails, Tomcat, Spring Web Technologies (CSS, HTML, HTTP, etc.)

Work Experience

The Karn Group, Chicago, IL

Jack of all Trades (5/2009 - Present)

One of three developers delivering financial compliance services in an ASP model. Responsibilities include:

- Creating, and open sourcing, custom Common Lisp to HTML/Javascript/CSS framework for quick development.
- Working directly with external clients to map out functionality.
- Specifying requirements for, installing, deploying, and maintaining hardware at a local datacenter.
- Designing application user interface in concert with client needs.
- Architecting data models into multiple backends including Mysql, Postgres, Tokyo Cabinet, and custom solutions.
- Developing entire applications from database schemas to HTML.
- Supporting and maintaining production applications.

Skills Used: All.

Katherine Anne Confections, Chicago, IL

Partner and CTO (9/2006 - Present)

Designed and implemented <http://katherine-anne.com>. Created custom financial software tailor-made to the business process including various day-to-day operations of business such as printing forms, managing a customer database, automated shipping, account reconciliation with bank accounts, and invoicing. Created the graphic and layout design while adhering to internet usability principles.

Orbitz WorldWide, Chicago, IL

Senior Software Engineer: Internal Tools (3/2008 - 5/2009)

Developed and administered tools for internal technical customers. Responsibilities included:

- Administered Atlassian Jira, Atlassian Confluence, AccuRev, RPM repository.
- Developed in-house tools for handling transitive dependency management and releasing software.
- Extended third party tools such as Jira, Confluence, and Ant for customized use by Orbitz employees.

Skills Used: Ruby, Rails, Python, Java, Maven, Common Lisp, and Ant.

Senior Software Engineer: Transaction Services (4/2005 - 3/2008)

Developed software for Orbitz backend tier. Projects included:

- Provided Production Support for multiple high traffic sites.
- Architected and wrote the redesign for the switching layer for the air vertical.
- Built tool sets for developers to search site logs, drive controlled transactions, and manage the release process.
- Migrated the merchant processing module to a dynamic plugin architecture.
- Wrote a backend module for Orbitz For Business's hired-car module using SOAP as communication via AXIS.

Skills Used: Junit, Spring, Jboss, Tomcat, JDBC, Beanshell, and Ant.

Ribstone Systems, Chicago, IL

Application Programmer (3/2004 - 4/2005) Created internal PHP applications for Managing Sales and Orders

Application Tester (6/2003 - 4/2005) Tested releases of Java-based company products.

Systems Programmer (12/2003 - 3/2004) Created scripts for automated custom Linux installations.

Customer Support and Training (3/2004 - 4/2005) Visited client sites to provide company product training.

Unisys, Roseville, MN

Co-op software tester (5/2002 - 8/2002)

Co-op software developer (6/2001 - 12/2001)

Open Source Projects

Nekthuth: Connection with a Lisp (<http://nekthuth.com>)

Primary Developer (7/2008 - 12/2009)

Nekthuth is the combination of a vim plugin and a Common Lisp library which enables vim users to start up or connect to a CL interpreter inside vim, and do interesting things with it. It uses Vimscript, Python, and Common Lisp communicating over tcp to create a full development environment within a vim instance.