

Resume of Kay Rhodes

Principal / Senior Engineer seeking full-time remote work.

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Description Programming professionally since 1995 and more recently applying my skills as a Principal Engineer, Tech Lead, and Release Manager. There are few things I haven't done in the realm of web development. With a firm belief in the value of Agile Methodologies, I became a Certified Scrum Master. I pride myself on writing code that is modular, extendable, maintainable, and readable. I understand the difference between code that will get the job done fast and code that will get the job done well, and when to use each. I know how a little good planning can save countless man-hours. And, most importantly, I know the limits of my knowledge and when to ask questions of those around me.

I prefer to work with people who care passionately about the quality of their work, and make software that people actually *want* to use. Making the world a better place would be a pretty nice bonus.

If you'd like to know more about me there's plenty of info available at masukomi.org (<https://masukomi.org>).

Experience

4/11 - 10/18 [One Door](#)

Principal Engineer / Tech Lead / Release Manager

- Provided technical expertise to help Product team scope out new features.
- Merged multi-year divergent codebases to minimize custom code maintenance, improve stability, & streamline new development.
- Architected & implemented solution to re-integrate divergent databases.
- Spearheaded creation of incident management processes and documentation.
- Provided deep application knowledge as key Subject Matter Expert and Tech Lead for multiple teams.
- Created & lead "Support" team for resolving production bugs.
- Managed offshore development team.
- Created release management process & served as release manager to guarantee only approved code went to production.
 - Coded tools to extract data from Jira and Git to help audit the code in each release.
- Designed custom CSV Parser and validator to provide customers with detailed feedback on CSV problems.

06/07 - 12/10 [Akamai Technologies Inc.](#)

Senior Web Developer

As the first web developer in a new business unit, I was responsible for putting together the first customer-facing graphs and information pages, as well as tools to allow customers to provision internal systems. As the team grew and we acquired Acerno, I helped improve and expand the primary internal provisioning system that came along with the acquisition.

My various projects involved the use of Java with Struts, Perl, and Python.

09/04 - 06/07 International Strategies Inc. / IES Ltd.

Web Developer

Worked on a web based system that combined Customer Relationship Management, Sales Force Automation, and Content Management tools to support the Freight Forwarding industry.

Leveraged Java, JMS, XML, and Perl to develop a modular integration server.

1995 - 2004 A long history of work

Freelance web dev., and bug eradicator.

I've been working professionally (as a web developer) since 1995. I spent the first eight years working for myself. Before then, I spent a number of years doing Graphic Design, Prepress (flexographic and traditional), and Web Design work.

Technical Skills

Operating Systems / Platforms

macOS, Linux (Ubuntu and RedHat primarily). AWS's S3 and EC2. I have limited experience with Free BSD, and Windows.

Languages

Ruby, Crystal, Perl, Python, Go, Java, HTML, JavaScript, Scheme, Common Lisp, Bash, SQL, NoSQL, etc. If it's in common use I've probably either worked in it, or fixed something in it.

Also, English, basic Esperanto, and terrible Spanish.

Certifications

Certified Scrum Master

Technical Writings

- [Graceful Disasters](#) (a methodology for handling and learning from technical failures)
- [Vim.works](#) (teaching folks the joys of Vim)
- [Unit Testing 101](#) (a presentation)
- [Best Practices for Web Developers](#)
- [XML-RPC vs SOAP](#) (written before SOAP won the battle)
- And [assorted geeky posts on my blog](#)

Public Code

Primary developer or designer of:

- [oho](#) Arguably, the world's best terminal color to HTML converter. - Crystal
- [Hey!](#): a command line interrupt tracker with pretty html graphs. - Chicken Scheme (v1), then Crystal (v2)
- [Changelog Manager](#): a command line tool to manage tracking changelog worthy changes in various git branches. It will generate a changelog with only the correct elements in it for the current build. - Crystal
- [JekyllMail](#): allows you to post to a Jekyll or Octopress powered blog via email. - Ruby
- Vim Plugins: I've created [html_encode_decode](#), made a fork with improvements to [rainbow_paretheses.vim](#) and am the maintainer of [vim-markdown-folding](#)

- [Markdown Code Documentation](#): a tool for building beautiful documentation from markdown embedded in your source code. Written in, and intended for Chicken Scheme
- [Cleandiff](#): CleanDiff is a better diffing tool, that's easier on your brain. - Bash & other cli tools. (Since this version it's been rewritten from scratch in a number of other languages.)
- [Aspirin](#): an embeddable send-only SMTP server - Java
- [Caterpillar](#): news aggregator that supports RSS, RDF, and ATOM feeds and helps deal with information overload by adding Bayesian filtering to find and highlight "interesting" articles in your feeds.
- [Fenestro](#): renders html from command line output. - I designed and manage(d) this project but coded essentially none of it. - Swift.
- Other: various cli tools, some now obsolete rails plugins & a gem, ancient Java apps and more. As note above, check out [my repositories on GitHub](#) for more.

For more please see [my repositories on GitHub \(https://github.com/masukomi\)](https://github.com/masukomi)

Volunteering

11/2014 - present [CERT](#)

Certified First Responder, Ham Radio operator, personnel coordinator

As a member of [CERT \(https://www.ready.gov/community-emergency-response-team\)](https://www.ready.gov/community-emergency-response-team) attached to the Emergency Management Association of a local town. I help manage personnel, provide first-aid, and work the radios for inter-departmental communications. This happens during emergencies and real-world practice scenarios like the Boston Marathon.