JONATHAN S. LINOWES

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PROFILE

Professional software developer and product manager with over 20 years hands-on entrepreneurial experience. Expertise with a broad range of software and Internet technologies, including Ruby on Rails, jQuery, and Rspec.

I solve real world problems with practical yet elegant user-centric solutions based on business priorities. I subscribe to agile, behavior driven (BDD), TATFT, DRY, progressive enhancement, "Don't make me think", and open source approaches to software development. I love to love my work.

TECH SKILLS

Recent technical experience and skills include:

- 3+ years development using Ruby on Rails (since version 1.x) as my principal language and framework (prior work in Php, Java, and C++), active member of the Rails community and technical ecosystem.

- Extensive experience with jQuery javascript framework, including JQuery UI and numerous plug-ins.

- Expertise with SQL databases (including mySQL, Postgres), and experience with no-SQL databases (MongoDB, CouchDB); remote and cloud-based data access (Amazon AWS); import/export/data processing; and various text-based data stores (including CSV, YAML, XML). Have worked on query optimizations, data compression, and encryption.

- Authentication and authorization frameworks (including authlogic, restful_authentication, devise).

- Visual presentation of quantitative information (including Google visualization chart api, Google maps api, and javascript graphing libraries).

- Ecommerce frameworks including ActiveMerchant, and gateway services (Authorize.net, Braintree)

- Advocate of test and behavior-driven development (BDD), including Rspec (behavioral unit testing) and Cucumber (plain text executable user scenarios). My projects average 1:1 code to test ratios.

- Expertise in various CSS and HTML templating frameworks (including SASS, Compass, HAML, formtastic, Themeroller)

- Practical practitioner of agile development processes including iterative design/development with rapid customer feedback.

- Strong experience in hosting (including cloud-based (Heroku), virtual private servers, linux/unix/osx); deployment (Capistrano); and revision control (git, SVN)

PARKERHILL CLIENT PROJECTS

A sample of recent client-driven products and projects. Roles include features analyst, principal developer and system admin.

REVIEWRAMP
Business collaboration service for managing online submission and review processes. A complete set of online tools for building custom forms and web pages, collecting submissions into a database, inviting reviewer members, and collecting reviewer scoresheets and comments.

http://reviewramp.com

WINDACTION
News and document library for an educational non-profit organization. Website for Industrial Wind Action Group continues to draw over 5,000 unique visitors daily, contains tens of thousands of articles, documents and multimedia.

http://www.windaction.org

CARESHARE
Private secure social network for children with medical disabilities. Crotched Mountain Foundation's prototype online community for medical home-care families and caregivers.

http://www.careshare-cmhi.org

ALUMBIZ
Business-to-business community for college alumni provides a social network and business directory rolled into one. Includes personal profiles, business profiles, and advertising.

http://www.alumbiz.com

OPEN SOURCE PROJECTS

A sample of recent open source projects

FORMTASTIC RENDERER
Replaceable render engines for Formtastic. a refactor of the Formtastic plugin to accept replaceable render engines, including ERB, HAML, and custom.

code: http://github.com/linoj/formtastic
article: http://www.vaporbase.com/postings/212
kudos: *"You sir, are a genius. Love your work! Thank you, thank you, thank you."*

GRIDIFY
A Ruby wrapper and Rails plugin for jqGrid. jqGrid is a rich featured data grid built with the jQuery javascript library. Gridify defines a simplified, more consistent API for jqGrid rather than directly emulate the jqGrid api and options in Ruby.

code: http://github.com/linoj/gridify
article: http://www.vaporbase.com/postings/210
kudos: *"Thanks for the awesome work."*

SAASRAMP
Software as a service (SAAS) plugin. Rails plugin enables subscription billings in your application. Built on top of the popular ActiveMerchant plugin.

code: http://github.com/linoj/saasramp
article: http://www.vaporbase.com/postings/201
kudos: *"Great plugin"*

IWAFETCH **News gathering utility.** Collects and caches news search results hourly from Google News and other sources for later review.

code: http://github.com/linoj/iwafetc
kudos: *"Does exactly what I need it to do."*

HUSAGE **Satellite internet usage utility.** A free hosted service for tracking download usage for subscribers of the HughesNet satellite internet service. Scrapes the default HushesNet usage report to generate better more informative reports and send alert emails.

code: http://github.com/linoj/husage
article: http://www.vaporbase.com/postings/197
kudos: *"AMAZING! Thank you so much... This is truly a godsend. Thank you thank you thank you."*

EMPLOYMENT HISTORY

PARKERHILL TECH
LYMAN, NH
(2002 – present)

Owner
Contract programmer specializing in Ruby, Rails and related web applications development. Active member of the Ruby on Rails community since 2007.

SYNTREX CORP.
MANCHESTER, NH
(1998 – 2002)

Biz Dev Support Manager
Technical operations and support manager for Internet security software company. Customer advocate and on-site troubleshooter for enterprise software.

AUTODESK CORP.
Bedford, NH
(1994 – 1998)

Product Manager, Data Management Division
Software developer and team leader of the Autodesk View family of software products for engineering firms.

SIRLIN CORP.
Londonderry, NH
(1987 – 1994)

Owner
Built leading computer-aided design (CAD) collaboration tools for engineering teams. Acquired by Autodesk in 1994.

 EDUCATION

- Massachusetts Institute of Technology (Cambridge, MA)
  Master of Science
  MIT Media Lab

- Syracuse University (Syracuse, NY)
  Bachelor of Arts
  Computer graphics and animation