

Jonathan Slate

Ruby on Rails Developer

Self starting, enthusiastic, knowledgeable. Takes pride in developing tools that meet the needs of project stake-holders and end users. Strong communicator, able to effectively discuss technical and business concerns.

Technical Skills

- ▷ Ruby programming, Web development using the Ruby on Rails framework (version 3.2)
- ▷ Proficient in Javascript, CoffeeScript, jQuery, CSS, SCSS, HTML
- ▷ Use of git for version control
- ▷ Developing high performance Web sites, leveraging page caching, database query optimization, etc.
- ▷ Extensive experience using SQL databases like PostgreSQL
- ▷ Adept at building interfaces that function in desktop, tablet, and mobile browsers
- ▷ Test driven development using rspec, FactoryGirl, Capybara
- ▷ Familiarity with many Ruby gems like slim, CarrierWave, formtastic, rack-pjax, and more
- ▷ Experience working in Mac, Linux, and Windows environments

Professional Strengths

- ▷ Strong understanding of Web technologies, object oriented programming, MVC design pattern
- ▷ Experienced in creating effective, engaging, usable, and accessible user interfaces
- ▷ Good communicator, value working in a collaborative environment
- ▷ Curious and always willing to learn something new

Professional Experience

PatientsLikeMe

September 2013 - Present

Senior Web Engineer

- Development of platform to allow patients to share data and form communities using Ruby on Rails and related technologies
- Extensive work with product designers, QA, operations, and other developers in a highly collaborative environment
- Participation in the building of survey creation tools in Rails and Ember

OurStage, Inc.

April 2010 - September 2013

Senior Web Engineer

- Built licenseable music search interface, allowing searching across a wide array of song attributes, generation of waveform images, management of custom playlists
- Rebuilt music judging feature, including designing and implementing major UI changes and porting existing Prototype code to use jQuery
- Worked with product team and other developers in site redesign to make the site functional across multiple desktop and mobile platforms
- Implemented pjax on desktop browsers to allow for faster browsing and a continuous music listening experience across the site

Echobind, Inc.

October 2012 - Present

Independent Contractor

- Part time work developing a Web based interface to a photo database
- Use of a variety of Ruby tools like Prawn for PDF generation, CarrierWave for uploading images to the cloud, and rspec, capybara-webkit, and Poltergeist for testing

MIT Microsystems Technology Laboratory

2007 - 2010

Java Programmer

- Developed Web tools for managing lab users and equipment
- Java Web development using Spring MVC, JSP, iBatis
- HTML, CSS, Javascript, jQuery
- Created the MIT Java Users Group, a group to share information and ideas related to Java programming in departments across the institute

Pearson Education

2005 - 2007

Technical Project Manager

- Managed projects to release new versions of Java based Web applications for educators
- Coordinated the efforts of a variety of team members, including programmers, product managers, usability specialists, and QA

MIT Alumni Association

1998 - 2005

Java Programmer

- Built many Web applications using Java Servlets, including applications for on-line elections, reports, message boards

Webmaster

- Developed Web pages using HTML, CSS, Javascript, and Perl for CGI scripting
- Responsible for reviewing and approving Web content from staff editors throughout the department

Web Consultant II

- Leading of quality and usability testing of applications

Education

Learning Tree International, Burlington, MA: Project Management (September 2004); Oracle PL/SQL (August 2004); Identifying User Requirements (February 2004); Java for Web Application Development (October 2003)

Clark University, Woburn, MA: Oracle Database Administration (September 2000 – June 2001)

Harvard Extension School, Cambridge, MA: Intro to Programming Using Java (Fall 1998); Intro to Computer Science, C++, II (Fall 1999)

University of Massachusetts, Amherst, MA: Bachelors in Music Theory/Composition (Graduated May 1996)