Jonathan Slate

SENIOR SOFTWARE ENGINEER

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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

- Web development using Ruby and the Ruby on Rails framework
- Proficient in Javascript, currently focused on building components and applications using ES6 and React
- Integration with internal and external service APIs
- Extensive experience using SQL databases like PostgreSQL
- Automated testing with minitest, factory_bot, Capybara, Jest
- Popular tools like git, github, AWS, Redis, SASS, SVG
- Adept at building interfaces that function in desktop, tablet, and mobile browsers
- Developing high performance Web sites, leveraging page caching, database query optimization, etc.

Professional Strengths

- Strong understanding of Web technologies, object oriented programming
- 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
- Patient and thoughtful mentor, enjoys helping junior developers get up to speed

Professional Experience

PatientsLikeMe
Senior Web Engineer

September 2013 - February 2019

- Development of platform to allow patients to share data and form communities
- Extensive work with product designers, QA, operations, and other developers in a highly collaborative environment
- Web application development using Rails, ES6, React, HAML, CSS/SCSS
- As team tech lead, frequent review of code written by other team members
- Providing mentoring and guidance to junior developers

OurStage, Inc.
Senior Web Engineer

April 2010 - September 2013

- Built licensable 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 updated Javascript to use modern practices

MIT Microsystems Technology Laboratory *2007 - 2010*
Java Programmer

- Developed Web tools for managing lab users and equipment
- Java Web development using Spring MVC, JSP
- HTML, CSS, Javascript, jQuery
- Created the MIT Java Users 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*
Web Consultant - Webmaster - Java Programmer

- Web development in Java and Perl, including applications for on-line elections, reports, message boards

Other Activities

I enjoy spending time with my family, playing the guitar, writing, and walking on local trails with my dog.

Education

Learning Tree International, Burlington, MA
Coursework in Java Web development, project management, SQL, database management, and business analysis

Harvard Extension School, Cambridge, MA
Coursework in Java and C++

University of Massachusetts, Amherst, MA
Bachelors in Music Theory/Composition

LinkedIn: https://www.linkedin.com/in/jslate
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