

# Jonathan Slate

## SENIOR SOFTWARE ENGINEER

*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 the 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

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- 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
  - At team tech lead, frequent review of code written by other team members
  - Mentoring of several junior developers

### OurStage, Inc.

Senior Web Engineer

April 2010 - September 2013

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- 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*

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- 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, a group to share information and ideas related to Java programming in departments across the institute

## Pearson Education

2005 - 2007

*Technical Project Manager*

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- 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*

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- 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 (2003 - 2004)

## Harvard Extension School, Cambridge, MA

Coursework in Java and C++ (1998 - 1999)

## University of Massachusetts, Amherst, MA

Bachelors in Music Theory/Composition (Graduated May 1996)