Sai Lakshmi Pattabiraman

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SKILLS

JavaScript, Ruby on Rails, Reactjs, Redux, SQL, PostgreSQL, MongoDB, Node.js, Express, GIT, HTML5, CSS3, Bootstrap, jQuery, Rspec, Capybara, TDD

EXPERIENCE

Application Developer   *Aug 2016 - Jun 2017*
MN.IT Services @DHS

- Aided in the development of the main company project, MnCHOICES, a single-page web application tool for conducting both online and offline assessments.
- Fixed bugs, provided technical support for desktop to single-page web application transition. Provided testing support and documented all the changes.

Contract Web Developer   *Apr 2016 - Jun 2016*
Questar Assessment Inc via Signature Consultants

- Worked closely with a user experience designer on bringing mockups or wireframes through development to final delivery using use of HTML, CSS, JavaScript / jQuery.
- Added functionality to existing pages and solved time sensitive problem reports both independently and in cross-functional teams.

eCommerce Implementation Specialist   *Jul 2015 - Sep 2015*
Business Impact Group

- Supported the four51 websites and converted old web pages to responsive web pages using HTML5, CSS3, Bootstrap and media queries.

Volunteer Web Intern   *Mar 2015 - Sep 2015*
NaviDater

- Converted mockups/psd designs into a web page, using HTML5, CSS3, Adobe Dreamweaver CC and Photoshop.

PROJECTS

Eton *(React/Redux, Ruby on Rails, PostgreSQL, ES6)*   **LIVE**   **GITHUB**

- Built the entire application from scratch, frontend and the backend including the database setup and the schema in 10 days.
- Integrated React library called Quill to deliver rich text editing for notes, enabling users to jot down and save their ideas.

BizZam *(React/Redux, MongoDB, ES6, Express, Node.js)*   **LIVE**   **GITHUB**
A modern twist on traditional bingo – a team project

- Responsible for creating, as well as designing, the theme and board components (via React), enabling the users to add their own aesthetic features during gameplay
- Implemented the backend routes using Express.js and used flexbox, grid and css selectors to style the board for the game and the navbar.

Typenger *(JavaScript/ES6, HTML5, CSS3)*   **LIVE**   **GITHUB**

- Developed a game that lets users to increase their typing speed by giving words in repetition.
- Used HTML5 canvas and 2D sprite images to draw the animation and implemented requestAnimationFrame in ES6 to update the animation before the next repaint.

EDUCATION

Annamalai University - *BE Information Technology, 2007-2010*
App Academy - *Oct, 2018, San Francisco, CA*

- Rigorous full-stack software engineering curriculum with < 3% acceptance rate.
- Emphasis on algorithms, TDD, pair-programming, and efficient design.