

Aakash Sarang

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SKILLS

React, Redux, Ruby, Rails, Rspec, Javascript, GitHub, HTML5, Canvas, CSS3, Sass, SQL, PostgreSQL, Node.js, jQuery, RESTful APIs, JSON, AJAX, Python, C programming, AWS S3

PROJECTS

MeetUs - Full-stack website

[Live Site](#) | [Github](#)

This is a one page webapp inspired by the website [meetup.com](#) built using Rails(backend) and React-Redux/Javascript(frontend).

- Achieved secure user authentication using BCrypt library along with bootstrapping of user information to reduce Postgres database querying.
- Implemented seamless UI interaction by taking advantage of React-Redux life-cycle methods for fetching data which reduces loading time of pages.
- Used AJAX requests to make HTTP requests from frontend and JSON on backend to parse data.
- Implemented backend using RESTful APIs to leverage less bandwidth which allows stateless communication with frontend.

Zuma - Classic Game utilizing power of JavaScript

[Live Site](#) | [Github](#)

This is a game built using JavaScript DOM manipulation techniques

- Optimized size of the app by redesigning necessary functionalities of libraries like JQuery using Javascript.
- Implemented shared functions and utilized OOP with class inheritance to keep the code DRY..
- Formulated coordinates for objects using self implemented algorithms to calculate coordinates for spiral and angular positions for animations.
- Established single page app by integrating HTML5 canvas with JavaScript using event handlers and timers for animations.

Amazing Project

[Live Site](#) | [Github](#)

This is a very short sentence about what your project does and the languages you used

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EXPERIENCE

Cotmac Electronics. PVT. LTD. | Intern

June, 2014

- Designed Professional Documentation for products features and troubleshooting.
- Demonstrated designing skills in Industrial Automation using PLC SCADA.
- Successfully performed troubleshooting for pre designed industrial drives.

EDUCATION

San Jose State University, San Jose | MS Electrical Engineering

2017

App Academy | Immersive coding Bootcamp for full-stack web development with acceptance rate of < 3%

2018