

MANRAJ SINGH

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[GITHUB](#)

[LINKEDIN](#)

[ANGELLIST](#)

[PORTFOLIO](#)

SKILLS React/ Redux, Ruby on Rails, JS, HTML/CSS, SQL, AWS, Node.js, MongoDB, Postgres, Express.js, HighCharts, Java, Python, Hibernate

EDUCATION

Web Development - App Academy | Winter 2019

Bachelors in Technology in Computer Science. - Punjabi University, Patiala | 2014 - 2018

PROJECTS

Blogium (Ruby on Rails, ReactJS, Node, Postgres)

[live](#) | [github](#)

Blogium is a social journalism website developed using Ruby on Rails, React.js, Redux, JQuery and AWS.

- Integrated ActiveRecord includes method in the controller files to avoid n+1 queries.
- Implemented user auth by creating unique session tokens using Secure Random and safely saving passwords at the backend using BCrypt.
- Integrated feature of liking and unliking a post by dispatching actions to global Redux Store and updating local state via mapStateToProps().
- Developed a feature for creating a new post by submitting form data over https and Ajax to be saved to Postgres database and returned for rendering by frontend.
- Setup the Active Storage for the pictures to be stored using AWS S3 to reduce server load time of images.

What's the weather (JavaScript, Highcharts)

[live](#) | [github](#)

This website shows the live weather forecast of any city in the US.

- Integrated HTML, CSS with charting library to maximize the intuitive experience of the user to play around the website.
- Fetched and handled the live data of the weather of USA using Open Weather API and Weatherbit.io.
- Used VanillaDOM to manipulate API's data using JavaScript.
- Utilized Highcharts library to create dynamic representation of the live data.

Dumbbells-N-Donuts (MongoDB, Express.js, ReactJS, Node)

[live](#) | [github](#)

This website helps users manage workout routines and meals, and is developed using the MERN stack.

- Implemented user auth by signing JSON Web tokens and sending them up to the frontend to be used in the headers of the subsequent Axios calls.
- Developed a two step signup page using caching local state within the Redux store and preloading on refresh.
- Helped team in troubleshooting bugs and errors by using Chrome Developer Tools and server responses.
- Encouraged the team to have timely standups to increase motivation and productivity.

RELEVANT EXPERIENCE

System Software Engineer

Infosys Ltd.

January 2018 - July 2019

- Developed single page applications using Angular.JS, JQuery, HTML, CSS, BootStrap, JavaScript, Java and Hibernate.
- Implemented user authentication to prevent data breach from one profile to the other profile with different rights.
- Actively worked in designing the DB of the application to maximize efficiency and minimize redundancy of data.
- Utilized MVC principles to ensure a clean architecture and a lean code base for maximum efficiency.
- Followed Agile development and consistently delivered new features on time during sprints.

OTHER EXPERIENCE

Security Officer

Oath Inc.

July 2019 - Sep 2019

- Managed 600 issues in ServiceNow with response time under 15 minutes.
- Responsible for managing security incidents across 10 sites with proper reporting across public agencies.
- Kept track of all access control, alarms, equipment, operational documents everyday.
- Made sure the job site is all secure and our customer service is dependable.
- Used CCURE, Badger, Reception, Workplace, Gene-tech software to ensure safe operations.