MANRAJ SINGH

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EDUCATION

Web Development - *App Academy | Winter 2019*
Bachelors in Technology in Computer Science. - *Punjabi University, Patiala | 2014 - 2018*

SKILLS

React.js, Redux, Ruby on Rails, Javascript, HTML, CSS, SQL, AWS, Jquery, Node.js, MongoDB, PostGres, VanillaDOM, Express.js, SASS, HighCharts, Angular, Java, C++, OOPS, Bootstrap, Python, Data Structure, Hibernate.

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.
- Developed a smooth, intuitive **UX** using **React.js**, **SCSS, HTML** for easy navigation around the website and utilized pseudo selectors like on hover to decorate clickable links.
- Integrated **ActiveRecord** includes method in the controller files to avoid **n+1 queries**.
- Implemented user auth by creating unique session token 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 **Highcharts** to maximize the intuitive experience of the user to play around the website.
- Fetched and handled the **live data** of the weather around the globe 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.

Dumbells-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 understand the flow of data and progress of the project to maximize the results per effort.

EXPERIENCE

System Software Engineer
Infosys Ltd.   June 2018 - July 2019
- Developed single page application using **Angular.JS, JQuery, HTML, CSS, BootStrap, JavaScript, Java and Hibernate** .
- Worked in a team of 6 and contributed in the design as well as **documentation** of the project.
- Worked on **userauth** and implemented it using cookies.
- Solved problems using a combination of JavaScript, JSON, and JQUERY
- 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.
- In addition, capture and implement designs created by the UI team, add new functionality, enhancements and improvements on the overall website aesthetic.

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 .