KENA MEHTA

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Portfolio link: https://find-kenamehta.herokuapp.com/

SUMMARY

- A progressing **full stack web application developer**, pursuing master's in software engineering
- **2 years and 7 months** of professional work experience as a Software Engineer

EDUCATION

San Jose State University, San Jose, CA   *Jan 2020 – Present*
Master's in Software Engineering
Related courses**:** Enterprise Distributed Systems, Web Application Development, Software Security

University of Mumbai, India   *Jun 2013 - May 2017*
Bachelor of Engineering in Information Technology
Related courses: Data Mining and Business Intelligence, Cloud Computing, Distributed Systems, Object Oriented Programming, Big Data Analytics, Data Structures and Algorithms, Advanced Database Management System

TECHNICAL KNOWLEDGE

• Front-end: React, Redux, HTML5, CSS3, JQuery, GraphQL	• Languages: JavaScript, Java, C, Unix, Python
• Back-end: Node.JS, REST Web Services, Kafka MQ, Spring Boot	• Deployment: Docker, AWS EC2
• Database: MySQL, MongoDB, Oracle, Redis, Solr, SQLite	• Source Control: GitHub, BitBucket
• Testing Tools: JMeter, Mocha	• Data Visualization: Plotly, Tableau

PROFESSIONAL EXPERIENCE

San Jose State University – Tower Foundation
LAM Research – Research Assistant   *Jun 2020 - Present*

- Developed a comprehensive **full-stack web application** for LAM Research to visualize the log data generated every hour from semi-conductor making machines.
- Made **REST APIs** in **Node.js** to process the data stored in **HBase** and **SolrDB**.
- Created the front-end using **React.js**. Also used the **Plotly** library for creating the graphs.

BNP Paribas, Mumbai, India   *Jun 2017 - Jan 2020*
Bank of the West - Software Engineer

- Created **REST APIs** in **JAVA SpringBoot MVC** framework.
- Automated the health-check process to ensure that data was loaded correctly across different layers of the Enterprise Data Warehouse using **Python**.
- Developed an **ETL** framework using **Informatica Powercenter** to pull data from multiple heterogeneous sources, modeled these projections and delivered it to the users using **Tableau** for data visualization.

TripleTap, Mumbai, India   *Feb 2016 - Mar 2016*
Software Engineering Internship

- Implemented **Google** and **Facebook OAuth** module under the Login and Register module of the website.
- Developed buying and selling automobile parts functionality using **React JS, Node** and **Express JS.**

ACADEMIC PROJECTS

Handshake Prototype

- Created a portal for two peronas- student and company. A student can apply for a job, register for an event, view application status, message another student or company. A company can view student's profile, update the status for student's application, message a student.
- Developed the application in three phases. **Phase 1: ReactJS, ExpressJS, NodeJS, MySQL. Phase 2: ReactJS, Redux, Thunk, NodeJS, MongoDB, Kafka, JWT, Passport. Phase 3: ReactJS, NodeJS, GraphQL, MongoDB**

Amazon Prototype

- Contributed in developing a prototype of Amazon application with buyer, seller and admin personas. Implemented most of the features from real Amazon application.
- Used **MongoDB, Redis and MySQL for databases, Kafka for message queues, NodeJS, ReactJS, Redux, JWT, Passport**

Healing Hearts

- Contributed in development of web application with donors and organization persona. Donors can donate on fundraisers and Organization or NGO can create fundraisers. Created analytics dashboard using plotly.js library in react for donors to view the trending fundraisers and for Organization to view categorical collection of fundraisers.

HONOURS/EXTRA-CURRICULARS

- Received an acknowledgement from Bank of the West, BNP Paribas for outstanding work in a Project.
- Worked as a Creative head for Computer Society of India in my under-graduate university.
- Lead the party planning committee in BNP Paribas to arrange social events and team activities.