KENA MEHTA

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

SUMMARY

- A progressing **full stack application developer**, pursuing master's in software engineering
- Around **3 years** of professional work experience as a Software Engineer

EDUCATION

San Jose State University, San Jose, CA   *expected December 2021*
Master's in Software Engineering
Related courses**:** Enterprise Distributed Systems, Web Application Development, Software Security

University of Mumbai, India   *June 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
- Back-end: Node.JS, REST, Kafka MQ, Spring Boot, Flask
- Database: MySQL, MongoDB, Oracle, Redis, Solr, SQLite
- Testing Tools: JMeter, Mocha
- Languages: JavaScript, Java, Unix, Python
- Deployment: Docker, AWS EC2, Heroku
- Source Control: GitHub, BitBucket
- Data Visualization: Plotly, Tableau

PROFESSIONAL EXPERIENCE

San Jose State University – Tower Foundation
LAM Research – Research Assistant   *June 2020 – August 2020*
- Developed a comprehensive full-stack web tool for LAM Research on **React.js** and **Node.js** to visualize the log data generated every hour from semi-conductor making machines.
- Created **REST APIs** to process the data from **HBase, SolrDB** and implemented data visualization using **Plotly** library.

BNP Paribas, Mumbai, India   *June 2017 - January 2020*
Bank of the West - Software Engineer
- Automated the health-check process to ensure that data was loaded correctly across different layers of the Enterprise Data Warehouse using **Python XML parser** which reduced the workload by **66%.** Also received an **acknowledgement** for the same.
- Created **REST APIs** in **JAVA SpringBoot MVC** framework.
- Built an **ETL** process using **Unix Shell Scripting** and **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   *February 2016 - March 2016*
Software Developer Intern
- Implemented **Google** and **Facebook OAuth** module under the Login and Register module of the website.
- Developed buying and selling automobile parts functionality using **React, Redux, Node**

ACADEMIC PROJECTS

Handshake Prototype   *Spring 2020*
- Created a portal for two personas, for students to apply for a job, register for an event, view application status, message another student or company and for company to 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   *Spring 2020*
- 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 MQ, NodeJS, ReactJS, Redux, JWT, Passport**

Direct Exchange   *Fall 2020*
- Built a currency remittance and exchange service that makes international remittance less expensive and time efficient.
- Developed the web application using **Java Spring Boot, JPA, MySQL RDS, AOP** and **React**. Deployed the service on AWS.
- Implemented **Google and Facebook OAuth** using **Firebase** and features like searching for Matching Offers, Auto-Match Offers and Tracking of transaction state.

EXTRA-CURRICULARS

- Worked as a Creative head for Computer Society of India as an under-graduate student.
- Led the event planning committee at BNP Paribas to arrange social events and team activities.