

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
- Around **3 years** of professional work experience as a Software Engineer

EDUCATION

San Jose State University, San Jose, CA

January 2020 – Present

Master's in Software Engineering

Related courses: Enterprise Distributed Systems, Web Application Development, Software Security

University of Mumbai, India

June 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
- Back-end: Node.JS, REST, Kafka MQ, Spring Boot, Flask
- Database: MySQL, MongoDB, Oracle, Redis, Solr, SQLite
- Testing Tools: JMeter, Mocha
- Languages: JavaScript, Java, C, 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 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

June 2017 - January 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 **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 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, Python Flask**

ACADEMIC PROJECTS

Handshake Prototype

- Created a portal for two personas- 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 MQ, NodeJS, ReactJS, Redux, JWT, Passport**

Healing Hearts

- Contributed in development of web application with donors and organization persona. Main functionalities were that donors can donate on fundraisers and Organization or NGO can create fundraisers.
- Implemented using **React, Node, MongoDB, Plotly**

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 during my under-graduation.
- Led the party planning committee at BNP Paribas to arrange social events and team activities.