Vishal Vannada

GRADUATE STUDENT · SAN JOSE STATE UNIVERSITY

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Education

San Jose State University	**Aug '19**
Master of Science, Software Engineering	**GPA: 3.65**

Coursework: Enterprise Software Platforms, Software Systems Engineering, Cloud Technologies, Virtualization Technologies, Enterprise Distributed Systems.

Osmania University	**Jun '15**
Bachelor of Engineering, Electronics Engineering	**GPA: 3.8**

Skills

Programming languages	:	C++, Java, Python, C
Web Technologies/Frameworks	:	ReactJS, Redux, HTML5, CSS3, JavaScript (ES6), Node.js, Kafka, Hibernate, JSF
Databases	:	MySQL, MongoDB, Oracle 10G
Tools	:	Git, Docker, IntelliJ, Eclipse, JMeter, JUnit

Work Experience

Systems Engineer, Infosys Ltd.   **Jun '15 – Jun '17**

- Designed and developed work flow of a J2EE web application to handle and enhance the products.
- Developed a user module in the application using Hibernate, JSF and performed Unit testing for the same.
- Designed a flight booking web application using python and SQL as POC.

Salesforce Developer

- Developed and managed Apex Classes, Triggers, Visual force Pages for various functional needs in the application.
- Created Workflow rules, Visual Flows, email alerts, and field updates for Business Automation.
- Designed and deployed Custom Objects, Custom Tabs, Reports, Dashboards, SOQL and SOSL Queries as per the client requirements and worked with different standard objects.

Project Experience

Fandango Ticket Booking Application prototype (MongoDB, Express.js, ReactJS, Redux, Node.js)   **Apr '18**

- User can implement various functionalities like book tickets, add a movie hall, and transaction management.
- To improve performance, speed, scalability and avaliability, authentication I have used Connection pooling, SQL Caching using Redis, Kafka, passport respectively.
- Hosted the application on AWS and designed a test harness to evaluate the performance of the application.

Freelancer Application prototype (MongoDB, Express.js, ReactJS, Redux, Node.js)   **Mar '18**

- Implemented the following modules: user, post-project, bid on a project, hire a freelancer, transaction manager etc.
- To improve performance, scalability I have used Connection pooling, Kafka respectively.
- Hosted the application on AWS and designed a test harness to evaluate the performance of the application.

E-Commerce Marketplace(PHP, JavaScript, jQuery, MySQL, JSON, cURL)   **Nov '17**

- Onestopmark is an e-commerce web application like Amazon developed with features like easy check-out of products from multiple vendors, Wishlist, search products based on multiple factors, Facebook and Google login integration and product sorting and filtering.
- The application is implemented based on CURL calls to access remote company's databases to list the products from multiple companies in the market place.

Website for a Technical Fest(HTML, CSS, Bootstrap, javascript, MySQL, jQuery)   **Sep '15**

- Developed a website for AAKRUTHI-15, a national level technical symposium, held at Osmania University.
- It is a static website where users can register for different kind of events in the fest.

Intelligent Home Appliances   **Aug '15**

- Designed a home automation system using Embedded C, ZIGBEE and GSM.
- User can control switch-based appliances using personal computer or Mobile.