

Vagdevi Junnuri

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EDUCATION

Master of Science in Software Engineering, San Jose State University Jan 2021 - Dec 2022

Coursework: Enterprise Distributed Systems, Enterprise Application Development, Data Mining, Software Systems Engineering, Enterprise Software Platforms, Business Intelligence Technologies, Cloud Technologies, Big Data Analytics

Bachelor of Technology, Computer Science Engineering, Jawaharlal Nehru Technological University (GPA: 3.8/4) May 2016

SKILLS

Technical: Java, Python, C++, SQL, Spring, Hibernate, JavaScript, ReactJS, NodeJS, MongoDB, Kafka, Kubernetes, AWS, Git

EXPERIENCE

Informatica – California, United States

Software Engineer Intern

Jun 2022 – Aug 2022

- Worked on developing automation scripts for Informatica cloud-based framework. Worked on features like pod-to-pod org migration, data destruction, license management services. Was responsible for enhancing existing automation framework for schedulers services, task triggers through schedulers.

Quest Diagnostics HTAS India Pvt Ltd – Hyderabad, India

Software Engineer

Feb 2019 – Dec 2020

- Created APIs related to appointment scheduling, patient services, cart services, lab result services using Spring boot framework, SQL.
- Worked on creating backend batch jobs for My Quest application using Quartz framework for services like - patient lab appointment reminder emails. Worked on fixing production and high severity bugs and used tools like postman, Kubernetes, SOAP UI etc to recreate bugs and fix them simultaneously.
- Configured Java Message Service queues to receive requests from different systems like Hub360 and then process them for further flows. Used WebLogic to configure Queues and data sources.
- Worked on Quest Direct e-commerce application for clinical test booking services, location-based lab identification services and user management module.

Tech Mahindra– Hyderabad, India

Software Engineer

Oct 2016 – Oct 2018

- Involved in feature modifications and maintenance for scheduling appointments for driver's car/bike licenses in DMV application.
- Worked on developing automated test scripts for services in New Hampshire DMV CRM application.
- Worked in Agile environment which involved two-week sprint and release every month

PROJECTS

[gRPC - client-server distributed systems optimization](#) | Java | Distributed systems

Oct - 2021

- Created a client-server architecture using gRPC package which implemented an optimized solution using hub-spoke pattern. Multiple clients write large-sized files onto the server and server executes each request and responds with a status.
- Utilized client-side streaming and Round-robin load balancing to direct the client requests.

[Simulation of Splitwise](#) | MERN stack application | GraphQL

Mar-2021

- Created a simulation of Splitwise website allowing customers to create groups, add/split bills, invite friends to groups, settle bills, post comments to bills.
- Customized the application allowing users to the list of groups they are invited to and perform group-specific actions.

[Simulation of Reddit](#) | MERN stack application | Kafka

May- 2021

- Created simulation of Reddit website by enabling users to create/join communities, create posts, and in-app messaging. Deployed the application in AWS as an EC2 instance.

[Starbucks app](#) | Java | Design patterns

Apr- 2021

- Developed mockup screens for Starbucks mobile application which helps in placing orders in Starbucks using Java.
- Utilized design patterns like Decorator, Chain of responsibility, Composite, Proxy, Command, State, Strategy, Observer, etc.

[LimeBike app](#) | Java | Design patterns

May 2021

- Developed payment mockup screen for LimeBike mobile application which helps in paying for a ride.
- Payment is supported through multiple types of credit cards. Design patterns used are - State, Composite and Observer design patterns in order to enable acceptance of multiple credit cards for payment.