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ACADEMICS

Master of Science in Computer Science

San Diego State University, California

August 2021 - May 2023 (Expected)

(GPA- 3.76/4.0)

Bachelor of Engineering in Information Science Engineering

Visvesvaraya Technological University, India

September 2012 - June 2016

(GPA- 78/100)

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, Shell Scripting.

Web Development: React, Angular, Node.js, RESTful API, Webpack, GraphQL, RxJS.

Database Technologies: MongoDB, MySQL, DynamoDB, Oracle.

Project Management: Agile, JIRA, Confluence, Git, Scrum, Rally.

Operating Systems: Unix/Linux.

Development Tools: Visual Studio, Spring Tool Suite(STS), SOAP UI, SQL Developer, Jasmine, Maven.

Cloud and Other Technologies: AWS, S3, Lambda, API Gateway, Azure DevOps Server, Docker, Kubernetes.

WORK EXPERIENCE

Senior Software Engineer, Infosys Limited, Bangalore, Karnataka

February 2017 – June 2021

Tech Stack Angular, Java, Spring Boot, Python, SQL, Jasmine, Node.js, React.

- Engineered a modernized online banking platform for Enterprise customers of a US financial corporation using Angular, Java, Spring Boot, Selenium, Microservices with RESTful services
- Reviewed Angular TypeScript code on scalable, performant code repository on the Front-end.
- Implemented new features in a highly collaborative environment with Product designers, UI/UX experts.
- Designed and published Angular 9 Ivy libraries built using Angular compatibility compiler (ngcc).
- Reduced time to render the business user's account list by 75% by implementing a widget dashboard and used bootstrap to add responsive functionality, which accelerated the traffic of mobile users by 30%.
- Created over 100+ Components, 30+ Directives, and 100+ Templates using Pipes and Reactive forms.
- Evaluated processes involved during the release cycle by working as project quality lead and configuration manager.
- Mentored and supported peers and juniors as and when required on specific technical competencies required to deliver on the assigned tasks.
- Containerized applications programmed in Spring Boot and Angular using Docker.
- Improvise performance testing life cycle using tools like LoadRunner and JMeter reducing the response time by 40ms.
- Created Karma Jasmine and Junit test cases for 95% coverage of the code.
- Extensive experience in designing and implementation of continuous integration, continuous delivery, continuous deployment through Azure DevOps Server

PROJECTS

Inventory Management System [React, Node.js, Express.js, GraphQL, MongoDB, Webpack]

January 2022 - March 2021

- Built session management of web application and validation using Express.js and JWT tokens.
- Utilized states, props, and hooks. Implemented backend in Node.js with GraphQL as an API endpoint using Apollo.
- Scaled the application using NoSQL (MongoDB) database to persist data with the help of Mongoose ODM. Built async/await and promises to maintain the flow of the application.

In Memory Database with Persistence [Java]

August 2021 - December 2021

- Designed an in-memory database for bookstore inventory that allows us to add, sell, update the quantity and price of books and search for the book in the inventory.
- Snapshotting intermediate state of Bookstore Inventory as a serialized object to rollback to a previous checkpoint later in time with the help of Command and Memento patterns
- Learned how to implement multiple design patterns side by side in a single project by weighing the pros and cons of each pattern.

COVID19 Data Visualization Dashboard [Python, Streamlit, Choropleth, Plotly, Pandas]

August 2021 - December 2021

- Examine the pandemic through a variety of demographic lenses: age, race, ethnicity, and gender. Compare the various frequencies U.S. states employ for reporting on pandemic data.
- Visualized impacts of Covid-19 pandemic in the US on a Streamlit Dashboard using Plotly libraries: Choropleth county wise map; Impacts of weekly new cases and deaths Line chart.
- Analyzed the data using Pandas and created animations depicting weekly confirmed new cases and deaths county-wise.