SAI TEJA NADAKUDITI

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EDUCATION

UNIVERSITY OF CENTRAL MISSOURI   Lee's Summit, MO
Master of Science   Spring 2023
Major in Computer Science
Cumulative GPA: 3.7/4.0

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY   Kakinada, AP
Bachelor of Technology   Jun 2015 - May 2019
Major in Computer Science
GPA: 3.39/4

WORK EXPERIENCE

INFOSYS LTD   Bangalore, KA
Systems Engineer   Jan 2020 – Dec 2021
- Worked in **Agile** Software Development Methodology with TDD that includes product backlog refinement, sprint planning, daily scrum meetings, and interacting with customers for smooth functioning of the product.
- Developed user-friendly forms and input components like drop-down menus, search bars, carousel using **React** with **HTML**, **CSS**, **JavaScript**, **Bootstrap,** and **Material UI** library with validation and error handling.
- Used **Promises** to make code asynchronous and worked with NoSQL Databases **MongoDB**.
- Managed the client-side routing, including creating routes, and using nested routes with **React Router.**
- Hands-on experience in developing highly reliable, scalable, and secure **RESTful** web services using **Java Spring Boot**, **JSON**, **HTTP,** and good knowledge in developing payment gateways using **Spring Security**.
- Debugged errors and fixed bugs using **log4j** and utilized **Splunk** to detect and visualize log data.
- Development of backend using **Microservices** architecture with **Spring Boot** and **Spring Web**.
- Worked with **Axios** to make **API calls** to the back end via RESTful API and API testing is done with **Postman**.
- Participated in code reviews and provided feedback to other engineers to ensure code quality.
- Good knowledge of working with AWS Cloud Services such as **AWS Lambda**, **EC2**, and **S3**.
- Implemented distributed publish-subscribe messaging system with **Apache Kafka** between the **REST APIs**
- Experience with containerized environments with **Docker** and **Kubernetes** for container orchestration.
- Created build and deployment pipelines that leverage CI/CD processes and tools including **Git**, **Maven**, **Jenkins**.
- Front-end testing is done with **Jest** and Back-end testing is done using **Junit**, and **Mockito**.

APPQUBE IT SOLUTIONS   Vijayawada, AP
Software Developer Intern   Aug 2019 – Dec 2019
- Worked in **Agile** Environment and demonstrated knowledge of object-oriented programming concepts.
- Developed static front-end components using **HTML**, **CSS**, **JavaScript,** and experience with writing **MySQL**.
- Worked with Java frameworks such as Spring and Hibernate to implement RESTful APIs.
- Excellent problem-solving skills, and willingness to learn and adapt to new technologies.

PROJECTS

SAMPLE MFLIX   github.com/isaitejan/Mflix_backend, github.com/isaitejan/Mflix_frontend
- Developed a dynamic web application that displays the movies that are stored in the database as tiles using the MERN stack.
- Used Redux to manage form state and facilitate data flow between multiple components.

TIC-TAC-TOE   isaitejan.github.io/Tic-Tac-Toe/
- Developed a static tic-tac-toe game application using MERN stack and deployed using GitHub Pages.

ADDITIONAL

Technical Skills: C, React.js, Express.js, Node.js, MongoDB, Microservices, Java, Spring Boot, Maven, log4j, Spring JPA, Data Structures & Algorithms, OOP, HTML/CSS, JavaScript, SQL, NoSQL, Full Stack, Python, Shell Scripting, Docker, Operating Systems, Software Engineering, Bash, Powershell, Kubernetes, Jenkins, Jira.