

Manasa Sambaraju

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EDUCATION

University of South Florida Master of Science in Computer Science & Engineering (GPA:3.85)	08/2022 - 05/2024 Tampa, FL
Kakatiya Institute of Technology & Science Bachelor of Technology in Computer Science & Engineering	08/2017 - 05/2021 Warangal, India

TECHNICAL SKILLS

Technologies: Java8, REST API, Python3, Maven, Spring Boot, Docker, Spring-MVC, Mockito, HTML, Javascript
Database/Cloud: AWS, EC2, S3, RDS, SQL, NOSQL, RDBMS
Tools: Git, GitHub, Gradle, Postman, Pega PRPC, Tomcat, Jira, Android open-source
Specialities: Object Oriented Programming, Microservices, Multithreading, SAFe Agile
Certifications: Certified Pega System Architect 8.6

PROFESSIONAL EXPERIENCE

Jabil Software Engineer	05/2023 - 05/2024 St. Petersburg, FL
<ul style="list-style-type: none">Developed a scalable in-house web client for IBM TM1 using Java for robust back-end services, efficiently serving thousands of users across multiple global sites with high performance and reliability.Implemented various subsystems in the TM1 web client using REST API for real-time synchronization, React for components, and SQL stored procedures for efficient data management.Streamlined inter-company financial processes, automated reporting, and integrated Python scripts for complex calculations, saving over 50 man-hours monthly, significantly enhancing operational efficiency.Utilized Power BI to create interactive dashboards and visualizations, enabling data-driven decision making by providing stakeholders with clear insights into project metrics and performance indicators.	
Cognizant Technology Solutions Software Engineer	07/2021 - 07/2022 Hyderabad, IND
<ul style="list-style-type: none">Engineered robust APIs using Spring Boot to enable diverse functionalities, concurrently contributing to streaming solutions with Kafka and leveraging MySQL for the database infrastructure.Led the transition from SOAP to REST API for MetLife and optimized SQL stored procedures, resulting in a 40% increase in data processing efficiency and improved user satisfaction.Developed powerful components for data retrieval and input validation by executing HTTP requests to a back-end server, utilizing React for highly responsive client-side operations by ensuring server-side integration.Deployed the web application using AWS cloud services such as EC2, S3, and RDS, ensuring scalability, cost-efficiency while optimizing the infrastructure of the application and user experience by Agile methodologies.	
Cognizant Technology Solutions Software Engineering Intern	01/2021 - 06/2021 Tamil Nadu, IND
<ul style="list-style-type: none">Developed a web application for a fertilizer sales platform using Java with Spring Boot framework for back-end, integrated React for front-end functionality, ensuring effective system performance and user experience.Completely refactored the central admin dashboard with secure payment modules, facilitating smooth transactions, while utilizing SQL for efficient database interactions and seamless integration.Improved fertilizer ordering process, fostering efficient supply chain management, resulting increase in 50% sales and enhanced accessibility enhancing the agricultural ecosystem.	

PROJECT

Student Coding Platform Java, React, Node.js	08/2023 - 12/2023
<ul style="list-style-type: none">Independently Developed a student coding platform with Java and Spring Boot for the backend and React for the frontend, ensuring seamless performance and user satisfaction.Employed SQL for database interactions, engineered an intuitive admin dashboard, and seamlessly integrated secure payment modules to optimize contest registration and transactions, enhancing user experience.Enabled over 1000 students to participate in hackathons, fostering skill development, thus enhancing their educational experience and promoting a culture of innovation and teamwork within the community.	