

# Manasa Sambaraju

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## EDUCATION

<b>University of South Florida</b> Master of Science in Computer Science & Engineering (GPA:3.85)	08/2022 - 05/2024 Tampa, FL
<b>Kakatiya Institute of Technology &amp; Science</b> 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

<b>Jabil</b> Software Engineer	05/2023 - 05/2024 St. Petersburg, FL
<ul style="list-style-type: none"><li>Developed a scalable in-house <b>web client for IBM TM1</b> using <b>Java</b> for robust back-end services, efficiently serving thousands of users across multiple global sites with high performance and reliability.</li><li>Implemented various subsystems in the TM1 web client using <b>REST API</b> for <b>real-time synchronization</b>, <b>React</b> for components, and <b>SQL stored procedures</b> for efficient data management.</li><li>Streamlined inter-company financial processes, <b>automated reporting</b>, and integrated Python scripts for complex calculations, <b>saving over 50 man-hours monthly</b>, significantly enhancing operational efficiency.</li><li>Utilized <b>Power BI</b> to create <b>interactive dashboards and visualizations</b>, enabling data-driven decision making by providing stakeholders with clear insights into project metrics and performance indicators.</li></ul>	
<b>Cognizant Technology Solutions</b> Software Engineer	07/2021 - 07/2022 Hyderabad, IND
<ul style="list-style-type: none"><li>Engineered robust APIs using <b>Spring Boot</b> to enable diverse functionalities, concurrently contributing to streaming solutions with <b>Kafka</b> and leveraging <b>MySQL</b> for the database infrastructure.</li><li>Led the transition from <b>SOAP to REST API</b> for MetLife and <b>optimized SQL stored procedures</b>, resulting in a <b>40% increase in data processing efficiency</b> and improved user satisfaction.</li><li>Developed powerful components for data retrieval and input validation by executing <b>HTTP requests</b> to a back-end server, utilizing <b>React</b> for <b>highly responsive</b> client-side operations by ensuring server-side integration.</li><li>Deployed the web application using <b>AWS cloud services</b> such as <b>EC2, S3, and RDS</b>, ensuring scalability, cost-efficiency while optimizing the infrastructure of the application and user experience by Agile methodologies.</li></ul>	
<b>Cognizant Technology Solutions</b> Junior Software Engineer	01/2020 - 06/2021 Tamil Nadu, IND
<ul style="list-style-type: none"><li>Developed a <b>web application</b> for a fertilizer sales platform using <b>Java</b> with <b>Spring Boot</b> framework for back-end, integrated <b>React</b> for front-end functionality, ensuring effective system performance and user experience.</li><li>Completely refactored the central admin dashboard with <b>secure payment modules</b>, facilitating smooth transactions, while utilizing <b>SQL</b> for efficient database interactions and seamless integration.</li><li><b>Improved fertilizer ordering process</b>, fostering efficient supply chain management, resulting <b>increase in 50% sales</b> and enhanced accessibility enhancing the agricultural ecosystem.</li></ul>	

## PROJECT

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