

# RAMU MARISSETTI

9346365304 | [ramumarisetti23@gmail.com](mailto:ramumarisetti23@gmail.com) |

## PROFESSIONAL SUMMARY

**AWS DevOps Engineer** with **nearly 2 years** of experience in cloud infrastructure, CI/CD automation, backend systems, and testing. Hands-on experience integrating Large Language Models (LLMs) using OpenAI APIs, applying prompt engineering techniques for intelligent data validation, automation, and enrichment.

## WORK EXPERIENCE

<b>DevOps Engineer</b> <i>Tata Consultancy Services</i>	May 2024 – Present <i>Siruseri, Chennai</i>
<ul style="list-style-type: none"><li>– Optimized Jenkins <b>CI/CD pipelines</b> for HP B2B platform, reducing release cycles by 35% and accelerating delivery following DevOps lifecycle.</li><li>– Implemented Docker-based microservices on <b>Kubernetes</b>, optimizing deployment for scalability, reliability, and high-availability in production.</li><li>– Managed <b>AWS infrastructure</b>, improving security, compliance, and operational efficiency.</li><li>– Automated infrastructure and operational workflows using Python, Bash, and <b>YAML</b>, reducing manual intervention and deployment errors; accelerated feature delivery and operational efficiency.</li><li>– Applied LLM-based validation via OpenAI APIs and <b>Prompt engineering</b>, reducing manual verification by 50% and improving data reliability.</li></ul>	

## PROJECTS

<b>Hewlett Packard B2B</b>	<b>Client: HP</b>
<ul style="list-style-type: none"><li>– Led end-to-end DevOps workflows following <b>SDLC and DevOps lifecycle</b> for development, testing, deployment, and monitoring.</li><li>– Automated <b>CI/CD</b> pipelines with Jenkins, reducing errors and accelerating delivery.</li><li>– Collaborated within <b>Agile Scrum</b> teams, participating in sprint planning, stand-ups, and retrospectives to deliver features efficiently and ensure continuous improvement.</li><li>– Integrated API automation using Postman and Python within CI pipelines, improving test coverage by 40%.</li><li>– Applied AI-assisted data validation with <b>OpenAI APIs</b>, cutting manual verification by 50% and ensuring data quality.</li></ul>	

## TECHNICAL SKILLS

**Programming Languages:** Java, Python

**Cloud and DevOps:** AWS Operations, Jenkins, Git, GitHub, CI/CD Pipelines, Helm, Docker, Kubernetes, SDLC, DevOps Lifecycle

**Testing and AI Integration:** Postman, API, Integration Testing, Agile, AI-assisted automation

**Databases:** SQL

**Operarting systems:** Linux, Windows

## CERTIFICATIONS

- AWS Solutions Architect – Associate

## EDUCATION

**Bachelor of Technology (B.Tech) – Mechanical**  
*SRKR Engineering college*

2019 – 2023  
*Andhra Pradesh*