

CHENNAREDDY RUPESH

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SUMMARY

Cloud and DevOps enthusiast with strong foundations in **Python, Linux, automation, and system reliability**. Experienced in building AI-driven and workflow-based platforms, with hands-on exposure to cloud concepts, CI/CD, containerization, and monitoring. Passionate about SRE principles, scalable infrastructure, and leveraging Generative AI for intelligent automation. Strong problem-solving mindset with the ability to debug, optimize, and support large-scale systems.

EDUCATION

B.TECH CSE w/s AIML, Vellore Institute of Technology
Higher Secondary, Velammal Institute of Technology

SKILLS

Programming	Python, Java, Bash (Basic), SQL.
Cloud Platforms	AWS (Foundational), Azure (Intro), GCP (Awareness), Cloud Networking, IAM, Storage, Compute.
DevOps & SRE	Docker, Kubernetes (Basics), CI/CD Pipelines, GitHub Actions (Intro), Monitoring Concepts, High Availability, Scalability, Reliability Engineering.
Automation & Tools	Linux/Unix, Git, REST APIs, Infrastructure Automation (Intro), Workflow Automation (n8n), Scripting, Debugging.
GenAI for DevOps	AI-assisted Automation, LLM APIs, Prompt Engineering, PoC Development for Intelligent Operations.
Core Skills	Problem Solving, Algorithms, System Thinking, Collaboration, Communication, Learning Mindset.

EXPERIENCE

Team Lead — Technical & Coordination Role Jan 2022 – Present
Next Gen Cloud, VIT University

- Supported automation-based solutions and system workflows with structured testing and debugging.
 - Practiced documentation, version control, and CI-style iteration cycles.
 - Collaborated across teams to ensure stability, clarity, and delivery of technical components.

PROJECTS

24/7 AI Receptionist for Healthcare Clinics Developed an autonomous voice-based AI receptionist using n8n, Vapi.io, and Google Gemini to automate appointment scheduling. Designed for healthcare use, this system reduces administrative effort and patient waiting time by 80%

AI-Powered Academic Quiz Generator Created an end-to-end AI pipeline that preprocesses lecture documents, extracts context using OpenAI models, and auto-generates quizzes in Google Forms. Demonstrated skills in text analytics, automation, and workflow orchestration.

Automated AI Email Digest System Built an AI-based summarization pipeline using n8n and Gmail API for data collection, text preprocessing, and topic extraction. Enhanced productivity by automatically categorizing and summarizing daily communications.

Automated Traffic Signal Prioritization for Emergency Vehicles Engineered an IoT system using Arduino and RFID to prioritize emergency vehicles, demonstrating real-time data processing and automation control principles.

CERTIFICATIONS

- AWS Academy Cloud Foundations — AWS
- Generative AI Professional — Oracle
- MERN Full Stack Development — ETHNUS
- Networking Essentials — Cisco
- AI for Predictive Maintenance — NVIDIA