

# CHENNAREDDY RUPESH

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## SUMMARY

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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

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<b>B.TECH CSE w/s AIML</b> , Vellore Institute of Technology	Expected 2026
<b>Higher Secondary</b> , Velammal Institute of Technology	2020 - 2022

## SKILLS

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

## EXPERIENCE

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<b>Team Lead — Technical &amp; Coordination Role</b> Next Gen Cloud, VIT University	Jan 2022 – Present
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- 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

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**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

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