CHENNAREDDY RUPESH

6302064941 ⋄ Naidupeta, Andhra Pradesh

rupesh.22bce9140@vitapstudent.ac.in ⋄ linkedin.com/in/rupesh112

SUMMARY

I am a Full Stack Developer with strong foundations in **JavaScript, Python, React, Node.js, and SQL**, experienced in building scalable web applications and automation-driven platforms. Passionate about developing responsive user interfaces, secure backend services, and end-to-end solutions across the software development lifecycle. Strong problem-solving skills with exposure to cloud platforms, APIs, CI/CD concepts, and modern development practices.

EDUCATION

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

SKILLS

Frontend	HTML5, CSS3, JavaScript (ES6+), React.js, Next.js (Basics), Responsive Design, TailwindCSS (Intro).
Backend	Node.js, Express.js, Python, RESTful APIs, Authentication & Authorization (Basics).
Databases	SQL (MySQL, PostgreSQL), Data Modeling, ORM Concepts (Prisma/Drizzle - Basic Familiarity).
DevOps & Cloud	Git & GitHub, CI/CD Concepts, Linux Basics, Cloud Fundamentals (AWS).
Core Engineering	Object-Oriented Programming, Data Structures & Algorithms, System Design Basics, Debugging, Code Reviews.
Soft Skills	Problem Solving, Communication, Collaboration, Ownership, Learning Mindset.

EXPERIENCE

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

- Collaborated with developers and designers to translate requirements into functional UI and backend workflows.
- Participated in end-to-end development cycles including design, implementation, testing, and deployment support.
- Practiced version control, documentation, and iterative improvement through structured reviews.

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

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