

VINUKONDA JAYACHANDRA MALLIK

Visakhapatnam, Andhra Pradesh, India

mallikvinukonda1704@gmail.com | +91 7416366978 | LinkedIn | Portfolio | GitHub | LeetCode

Summary

A curious and fast-moving builder passionate about AI, product development, and automation. I thrive on turning abstract ideas into user-focused, intelligent systems. From full-stack development to LLM-based agents and RAG apps, I enjoy building scalable solutions and leading with creativity and impact.

Education

B.Tech in Computer Science and Engineering

2023–2026 (Expected)

Gayatri Vidya Parishad College of Engineering, Visakhapatnam

CGPA: 8.4/10

Relevant Coursework: Data Structures, Algorithms, AI/ML, DBMS

Experience

Freelance Full-Stack Developer

Apr 2025 – May 2025

Client: SriRamdoot Enterprises

(Remote)

- Built a production-ready **E-commerce platform** using React, Supabase, and Tailwind CSS
- Integrated Telegram Bot API and JWT Authentication for secure, real-time order tracking on the admin side
- Designed a modern, mobile-responsive system, scheduled for deployment as per client timeline

Projects

Legal Mitra – Constitution-Aware RAG Chatbot

(Live) | (Code)

- Engineered a specialized RAG chatbot using Gemini LLM with 93% accuracy on Indian Constitutional queries
- Trained on the Indian Constitution, the chatbot reduced legal search time by 75% through a context-aware citation system
- Developed a scalable Vector DB architecture with Chroma and Streamlit interface supporting **multi-document analysis**

MathVision – AI Equation & Vision Solver

(Live) | (Code)

- Developed an innovative AI system processing hand-drawn mathematical equations with 88% recognition accuracy
- Created custom vision pipeline for Gemini LLM to solve complex equations, integrals, and derivatives in real-time
- Backend built with FastAPI , integrates visual understanding and instant **canvas-based response**

DevHelper AI – Code Explainer and Debugger

(Live) | (Code)

- Created an AI-powered Code assistant that explains and optimizes code with 90% accuracy across 7 programming languages
- Accepts code input and returns structured markdown with explanations, bug insights, suggestions, and error handling

Achievements & Leadership

- Secured **72nd rank** in ECET State-level exam (Top 0.15% among 50,000+ candidates)
- Finalist (**Top 8**) at Hack Web3 Conf – Goa (Blockchain Hackathon with 1100+ participants)
- **President (2025-2026)** of Youth for Seva NGO:
 - Led 12+ community education programs impacting 500+ underprivileged beneficiaries
 - Spearheaded "Save the Birds" environmental initiative installing 100+ water containers citywide
- Mentored 28 underprivileged students in logical reasoning and aptitude, with 6 securing NMMS scholarships

Technical Skills

Languages: Java, JavaScript/TypeScript, Python

Frontend: React.js, Next.js, Streamlit, HTML5, CSS3, Tailwind CSS

Backend & Databases: Node.js, Express.js, FastAPI , PostgreSQL, MongoDB, Firebase, Supabase

Tools & Platforms: Git, LangChain, Langflow, LlamaIndex, n8n, Orange

Soft Skills: Communication , Problem-solving , Teamwork , Leadership , Adaptability & Continuous Learning