BAVISETTI MANOJ KUMAR

AI & Full-Stack Development Enthusiast

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manoj-9836.github.io/Portfolio/

Professional Summary

Computer Science undergraduate and Technical Head of the AI Club with strong experience in full-stack development and AI-powered applications. Actively involved in developer community building, technical workshops, and coding culture promotion. Passionate about mentoring peers, organizing programming initiatives to empower student developers.

Education

Lendi Institute of Engineering & Technology   2024 – Present
B.Tech, Computer Science & Engineering (CGPA: 8.1)   *Vizianagaram*
Andhra Polytechnic, Kakinada   2021 – 2024
Diploma, Computer Management & Engineering (85%)   *Kakinada*

Technical Skills

Programming Languages: JavaScript, Java (Core), C++
Frontend: React.js, Bootstrap
Backend: Node.js, Express.js, REST APIs
Databases: MongoDB, MySQL
Cloud / Tools: Git, GitHub, AWS (Basic), Gemini API, GenAI Tools

Projects

Agentic AI–Driven Autonomous Drone Delivery System | MERN, Agentic AI, ROS, SLAM   Jan 2026
  – Built an **agentic AI-based autonomous drone delivery system** with intelligent task planning, autonomous navigation, and real-time mission execution.
  – Implemented **SLAM-based navigation** and secure delivery verification using OTP/vision methods.
  – Developed a **real-time monitoring dashboard** for live drone tracking and mission status using event-driven architecture.
  – **GitHub:** github.com/Manoj-9836/AeroMind-API

ApexResume – AI Resume Intelligence Platform | React.js, Node.js, MongoDB, LLMs (Gemini)   Jun 2025
  – Developed an **AI-powered resume intelligence platform** providing ATS scoring, skill gap analysis, and job-role recommendations using LLM workflows.
  – Integrated RAG-based resume analysis, company-specific resume generation, and skill roadmaps, increasing user engagement by **40%**.
  – **Live:** apexresume.netlify.app   **GitHub:** github.com/Manoj-9836

NutroTrack – Nutrition Tracking Dashboard | React.js, REST APIs   Oct 2024
  – Built a nutrition tracking dashboard with real-time calorie analytics and interactive visualizations.
  – Optimized frontend performance, achieving **30% faster load times**.
  – **Live:** manoj-9836.github.io/NutroTrack

Leadership, Community Engagement & Campus Involvement

Technical Head – AI Club | Lendi Institute of Engineering & Technology   Present
  – Organized and led coding workshops, technical sessions, and AI bootcamps for 100+ students, promoting problem-solving, competitive programming, and developer best practices.
  – Leading innovation projects and mentoring peers on AI-powered web solutions.

Achievements

Cracked **TCS CodeVita Round 1** and successfully participated in **Round 2**, demonstrating strong problem-solving and algorithmic coding skills.