Manikanta

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About

Aspiring Full Stack Developer with a strong foundation in the MERN stack and Python. Passionate about backend development, machine learning, and AWS Cloud. A quick learner who loves exploring new technologies to enhance and simplify development. Interested in ML and deep learning, always eager to learn and improve.

Education

CBIT, Gandipet – B.E. in Artificial Intelligence and Data Science (2023–2027)
Relevant Coursework: Python, Java, Object-Oriented Programming
Narayana, Raviryala – Intermediate (2022–2023)
Completed with 982/1000
Relevant Coursework: Strong Mathematics, Communication Skills

Skills

DSA, MERN Stack, TypeScript, Tailwind CSS, C++, Python, Machine Learning, SQL, MongoDB

Internship

Devorks   *Intern, 2025*
Contributed to automation projects focused on optimizing internal operations and AI-driven systems.

- **Automated Recruitment Workflow:** Designed a backend system that streamlined candidate tracking, interview scheduling, and offer dispatch, reducing manual work and improving process efficiency.

- **Face Recognition Attendance System:** Built a system using YOLO and the Face Recognition library to detect and recognize multiple faces in group photos and mark attendance automatically.

Projects

AI Crop Prediction
Developed and integrated a Random Forest model into a user-friendly web app that recommends fertilizers based on soil pH, NPK values, and weather data. The platform helps farmers make data-driven decisions to maximize yield.

Real-Time Chat Application
Developed a messaging platform featuring private/group chats, file sharing, and JWT-based user authentication. Used Sockets for real-time communication and MongoDB for data storage.

School Dashboard
Built a school management system using React.js and FastAPI, enabling attendance, fee monitoring, and library record handling by teachers, students, and administrators.

Restaurant Eats
Developed a full-stack food ordering system with restaurant dashboards, menu management, order tracking, and payment modules using React.js, Node.js, Zustand, and Tailwind CSS.

Snake Game using C++ and WASM
Engineered a modern Snake game using C++ compiled to WebAssembly, with a React.js frontend and JavaScript integration for real-time interactivity.

Languages

English, Telugu, Hindi