Manihas Netha Nadimetla

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Profile

Final-year BTech Candidate with hands-on experience through internship at NIT Warangal. Skilled in MERN stack, Java, machine learning, DevOps and AWS , with a strong foundation in software development and problem-solving. Seeking opportunities to apply technical expertise to real-world projects..

Education

Chaitanya Deemed To Be University, BTech in Computer Science Engieering Sept 2022 – May 2026

- GPA: 9.7/10.0
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Experience

Machine Learning and App Development Intern, NIT Warangal, Telangana May 2025 – Jul 2025

- Developed a Real Estate Mobile Application (React Native) with an Admin Dashboard for property management and approval workflows.
- Integrated an ML-based Property Recommendation System using user preferences (price, area, bedrooms, etc.), improving property search efficiency by 35%.
- Optimized data preprocessing and ML pipeline, reducing model response time by 20% and enhancing overall recommendation accuracy.

Projects

Online Payment Fraud Detection github.com

- Built a fraud detection model using ML algorithms (XGBoost, Random Forest), achieving 96% accuracy.
- Implemented real-time data analysis pipeline for online transactions.
- Tools Used: Python, Scikit-learn, XGBoost, Pandas, NumPy, Streamlit

Attendance Management System (Face Recognition) github.com

- Developed an automated attendance system using facial recognition with Python and OpenCV.
- Achieved 92% accuracy in detecting and recording attendance.
- Tools Used: Python, OpenCV, SQLite

Weather Forecasting App

github.com/mani0bne/WeatherApp

- Built a frontend application to fetch and display real-time weather data using OpenWeather API.
- Designed a search-based UI for location-wise forecasts.
- Tools Used: React.js, OpenWeather API, JavaScript

Technologies

Languages: Python, Java, C++, JavaScript, TypeScript, SQL, React, Node.js, FastAPI, LangChain, OpenAI/HF, Qdrant/Milvus

Technologies: React Native, Flask, Scikit-learn, Pandas, NumPy, OpenCV, Face++ API, AWS(EC2, S3, Lambda) , Git, Postman, MongoDB, Express.js