UDAY CHARAN MENGARTHI

🏠 Medak, Telangana India

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SUMMARY

Pursing a degree in Computer Science Engineering with a strong foundation in project implementation and keen interest in emerging technologies. Proficient in Frontend development with a fundamental understanding of Software Engineering. Eager to leverage my technical skills and leadership abilities in a dynamic organization to contribute to impactful projects and grow professionally.

EDUCATION

CMR Institute Of Technology, Medchal,Hyderabad   **2021 - 2025**

• B.Tech in Computer Science and Engineering-(AI&ML) - CGPA 7.02

Narayana Junior College,Hyderabad   **2019 - 2021**

• Intermediate (MPC) With aggregate - 92.4%

Siddarth Model High School ,Medak   **2019**

• High School   CGPA - 9.5

SKILLS

• **LANGUAGES:-** Python**,** Java
• **FRONTEND DEVELOPMENT**:-HTML,CSS,BOOTSTRAP,JAVASCRIPT
• **DATABASE MANAGEMENT**:- SQL
• **TOOLS**:- Git(Github),VS Code

PROJECTS

FLOOD FORECASTING MODEL USING FEDERATED LEARNING   **July 2024**

• Developed an innovative flood forecasting model leveraging federated learning to enhance predictive accuracy while ensuring data privacy.
• Collaborated with diverse datasets from multiple sources, enabling real-time analysis and improved decision-making for flood management.
• Implemented machine learning algorithms to process localized data, achieving significant improvements in prediction precision and responsiveness, thereby contributing to effective disaster preparedness and mitigation strategies.

FRAUD DETECTION AND ANALYSIS FOR INSURANCE CLAIM USING MACHINE LEARNING   **December 2023**

• Developed a machine learning model to detect fraudulent insurance claims, improving accuracy and reducing false positives.
• Conducted data preprocessing and feature engineering on historical claims data.
• Leveraged algorithms like logistic regression and decision trees to enhance fraud detection capabilities, contributing to more efficient claim processing and risk management.

CERTIFICATIONS

• **HTML,CSS,BOOTSTRAP,FLEXBOX-** Successfully Completed the course taught by **NXT WAVE**
• **SQL-** Successfully Completed the course taught by **NXT WAVE**

HOBBIES

• Listening Music
• Volunteering