

Manogna Chitti

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EDUCATION

Vellore Institute of Technology, Amaravati

B.Tech in Computer Science and Engineering

CGPA: 9.04/10.0

July 2021 - Present

Sri Chaitanya Educational Institutions, Khammam

MPC - State Board of Intermediate Education

Percentage: 98/100

May 2019 - 2021

Nava Bharat Public School, Bhadradri Kothagudem

Central Board of Secondary Education

Percentage: 93.6/100

May 2018 - 2019

EXPERIENCE

Machine Learning Engineer - Internship

IntrainTech

Oct 2023 – Nov 2023

- Developed a predictive model for heart disease in patients leveraging ML algorithms including logistic regression, KNN, and XGBoost. Cluster analysis was utilized to enhance model performance to ensure high data quality.
- Achieved 96% accuracy with XGBoost and deployed using Flask in a cloud environment, showcasing responsibility in managing production systems and the industrialization of machine learning applications.

PROJECTS

AI-Driven Code Compiler

June 2024 – Present

- Developed a hybrid AI-powered code compiler using Python, Flask, and CSS, supporting Python, Java, C, and C++ for real-time code execution, error detection, and optimization.
- Integrated Gemini and Ollama models for AI-driven code analysis and suggestions.
- Designed a user-friendly web interface featuring real-time feedback.

Twitter Sentiment Analysis

Jan 2024- May 2024

- Developed a model to identify user emotions using parsing, chunking and NLP techniques, classifying tweets as positive or negative.
- Implemented ML models using Scikit Learn and PyTorch to enhance accuracy and deliver actionable insights, offering valuable business possibilities.
- Utilized data visualization tools and Applied test automation principles to ensure the robustness of the application.

TECHNICAL SKILLS

Programming Languages: Core Java, SQL, Python, HTML, CSS

Familiar: MySQL, Linux/Unix, Mac Environment

Frameworks: Flask

Developer Tools: IntelliJ, VS Code, Git, PyCharm, Canvas

Course Works: Data Structures and Algorithms, Object Oriented Programming, Database Management System, Computer Networks, Operating System, Software Engineering, Natural Language Processing, Deep Learning

Coding Platforms: Leetcode, GeeksforGeeks, Hackerrank

CERTIFICATIONS

MERN FULL STACK

Ethnus

Aug 2023 – Nov 2023

ID: XN2D2DX5

CLUBS

Kalki Personality Development Club

Core Committee Member

June 2023 - Present

LANGUAGES KNOWN

English, Telugu, Hindi