Sai Chandana Maddipatla

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Objective:

Aspiring Software Engineer with a strong foundation in computer science and hands-on experience in software development through academic projects and internships. Eager to apply my programming skills and problem-solving abilities to contribute to innovative software solutions. Motivated to learn and grow within a dynamic tech environment. I thrive on learning new technologies, solving problems and building innovative solutions and learn from every experience.

Technical Skills:

Programming Languages: Java, SQL,Python, C, R Programming, Deep Learning, Node.js, Machine Learning(beginner) **Web Technologies:** HTML, CSS, JavaScript

Frameworks: Pandas, MatplotLib, React, Django

Soft Skills: Active listening, Quick learner, Analytical thinker, Critical Thinking, Leadership

Education:

- **Vignan Institute of Technology and Sciences** Hyderabad, India
  B.Tech - Artificial Intelligence and Data Science; CGPA: 8.34 *November 2022-Present*
- **Sri Chaitanya Junior College** Tirupathi,India
  Intermediate; Percentage: 9.25 *Jan 2020- June 2022*

Projects:

Title:BOOKS DIRECTORY

Description: The Books Directory Project is a web application developed for my college to efficiently manage and organize book collections. Built using Python (Flask/Django) for the backend, HTML, CSS, JavaScript for the frontend, and a database like SQLite/MySQL for storage, it allows users to add, search, update, and delete book records.

Outcome: Project collaboration ,Efficient Data management, Problem Solving abilities, Enhanced Technical expertise.

Title:IMAGE FORGERY DETECION

Description: The Image Forgery Detection Project is an advanced tool to identify forged or manipulated images using Error Level Analysis (ELA). Developed with Python for backend processing and HTML for GUI, it allows users to upload images and preview their authenticity through visual analysis. The project supports intuitive image browsing, forgery detection, and user-friendly outputs.

Experience :

Data Science and Machine Learning Remote

Ybi Foundation . Internship March 2024-April 2024

- **Real Estate Price Prediction Model:**
- Built and implemented a predictive model to forecast real estate prices, utilizing advanced machine learning algorithms like Linear Regression, Decision Trees, and Random Forest. Developed and pre processed a comprehensive dataset, integrating historical sales data, location based features, property attributes, and economic indicators to enhance model accuracy.

Artificial Intelligence Remote

Infosys , Internship Nov 2024-Jan 2025

- **Plant Disease Classification:**
- It aims to detect and classify plant diseases using machine learning models, providing early warnings to farmers and agriculturists. The system analyzes leaf images to determine if they are healthy or affected by diseases. By automating the classification process, it improves agricultural productivity and reduces losses caused by diseases.

Certifications:

Programming in Java: NPTEL(Elite) • **Java Foundations**: Oracle • **Build reports and Dashboards in Power BI**: Vodafone Idea Foundation • **Programming using Python**: Infosys SpringBoard • **Java**:Hackerrank