SUMAN M

UNDERGRADUATE STUDENT

Chennai,India │ msuman2003711@gmail.com │ +91 8637469920 │ linkedin/suman-m-b984a8250

SUMMARY

Dedicated and oriented Artificial Intelligence - Data Science graduate seeking an entry-level role to apply my knowledge of AI, Machine Learning, Data Science, and IoT. I am eager to contribute innovative solutions and grow as a professional in AI.

EDUCATION

B.Tech, Artificial Intelligence & Data Science   **Nov 2021 - Present**
Sri Sairam Institute of Technology

Higher Secondary School   **Nov 2020 - July 2021**
Sri Sairam Matric Higher secondary School

TECHNICAL SKILLS

- Python
- Power BI
- C
- SQL
- Machine Learning
- IoT

INTERNSHIPS

Artificial Intelligence, VEI Technologies   **July - Aug 2023**

- **Developed AI Models**: Gained hands-on experience in building AI models using Python and libraries like Scikit-Learn, Pandas, and Matplotlib.
- **Practical Projects:** Completed a project on house price prediction, showcasing data manipulation, visualization, and machine learning techniques.

Virtual Robotics, Kodacy   **Oct - Nov 2022**

- **Robotics Development:** Learned the fundamentals of robotics, including working with sensors and basic programming for virtual robots.
- **Project Implementation:** Built a virtual line-following robot using Arduino, integrating sensors and actuators, with a PID control algorithm for smooth navigation and improved it through testing.

PROJECTS

Intelli-Sewage Monitoring System using IOT

- Created a real-time sewage monitoring system with NodeMCU, ultrasonic sensors, and Firebase for data collection and cloud storage.
- Developed an interactive dashboard using Streamlit and Folium to visualize sewage levels and monitor them on a map.
- Implemented automated alerts via Telegram API for timely notifications on critical sewage levels.

Currency Conversion System with GUI using Python

- Developed a currency conversion system using Python and Tkinter with real-time exchange rates from APIs.
- Integrated user login and data storage using SQLite3 for secure credentials management.
- Provided graphical visualization of the top 10 currencies with Matplotlib for trend analysis.

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Certifications:** Introduction to Data Science(IBM), Introduction to Generative AI by Google (Coursera), Machine Learning Onramp(MathWorks), Python for Data Science(NPTEL).