SUTHA S

✉ suthasembulingam8@gmail.com   ⬡ Sutha592   in Sutha S

OBJECTIVE

Aspiring Data Scientist and final-year Computer Science and Business Systems student with hands-on experience in Python, Pandas, NumPy, Matplotlib, and Power BI. Strong interest in data analysis, statistical modeling, and machine learning. Eager to contribute to data-driven decision-making in a dynamic organization through entry-level opportunities.

EDUCATION

Bachelor of Technology in Computer Science and Business System   **(2022 - 2026)**
Francis Xavier Engineering College   Tirunelveli
CGPA : 9.2

SKILLS

Technical Concepts : Machine Learning and Data Analysis
FrameWork : Pandas, Numpy, Matplotlip
Language : Basic Python and C
Soft Skills : Time Management, Team Work
Platform : Google Colab, Visual Studio Code
Tools : Power Point, Microsoft Excel, Tableau, Power BI

CERTIFICATE

Guvi Learnathon ChatBot Certificate
Completed the SAWIT.AI Learnathon on Generative AI, gaining foundational knowledge and developing a personal chatbot, certified by GUVI, HCLTech, Google, and NASSCOM.

PROFESSIONAL EXPERIENCE

Digisailor

Flutter UI Design Internship Certificate   **(June 2024 - July 2024)**
Gained expertise in Flutter UI development with a focus on creating user-friendly and responsive interfaces. Acquired hands-on experience in designing and implementing intuitive UI elements for mobile applications. Familiar with popular best practices to enhance app appearance, functionality, and overall performance.

NoviTech R&D Private Limited

Data Analytics Internship Certificate   **(July 2024 - August 2024)**
Gained hands-on experience in data analysis, including data cleaning, processing, and visualization. Contributed to real-time projects involving big data, deriving actionable insights to support decision-making. Applied machine learning and data analytics techniques to solve business problems and enhance operational efficiency.

Artificial Intelligence Internship Certificate   **(July 2024 - August 2024)**
Gained practical experience in artificial intelligence through real-time projects in NLP and computer vision. Worked on data cleaning, preprocessing, and visualization for large datasets. Applied machine learning to build intelligent systems for language understanding and image analysis.

Machine Learning Internship Certificate   **(December 2024 - February 2025)**
Gained hands-on experience in machine learning through real-time projects focused on model development and evaluation. Worked extensively on data cleaning, preprocessing, and visualization for large datasets. Applied supervised, unsupervised, and reinforcement learning techniques to solve complex analytical problems.

PROJECTS

Stock Forecast App GitHub
Developed a Streamlit-based stock forecast application that uses historical stock data and Prophet for time-series prediction. Integrated features like moving averages, volatility analysis, sentiment analysis from news headlines, and interactive visualizations. Enabled CSV and PDF export of forecasts, enhancing user experience and data accessibility.

Drowsiness Detection System GitHub
Developed a real-time drowsiness detection system using OpenCV, dlib, and facial landmark analysis. The system calculates the Eye Aspect Ratio (EAR) to detect prolonged eye closure and triggers an alert with a sound beep when drowsiness is detected. Implemented facial feature extraction and visual feedback using live webcam input for enhanced driver safety.

Face Mask Detection GitHub
Developed a real-time face mask detection system using Python, OpenCV, and TensorFlow. Trained a MobileNetV2-based CNN model on a custom dataset to classify masked and unmasked faces. Integrated the model into a live video stream for instant face detection and mask prediction.

Snake Game GitHub
Developed a classic Snake Game using Python's Turtle graphics module with real-time keyboard controls. Implemented food generation, collision detection, scoring system, and dynamic snake growth. Added game logic for border and body collision with high score tracking to enhance gameplay experience.