GOUSHIK G

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ABOUT ME

A self-motivated learner with a proactive approach, consistently completing tasks within specified timelines. Proficiency in programming, designing, and problem-solving, demonstrating decisive decision-making and analytical skills. A commitment to zero procrastination ensures efficient and effective task execution.

WORK EXPERIENCE

Data Science Intern, Trios Technologies, Chennai July 2023 – Aug 2023

- Utilized various professional statistical techniques and maintained large databases to collect and analyze data.
- Identified, analyzed, and interpreted trends or patterns in complex data sets by finding correlations and visualizing charts.

Full Stack Intern, National Small Industries Corporation, Chennai May 2024 – June 2024

- Understanding of HTML, CSS and Familiarity with front-end.
- Gain valuable experience working on real-world projects. Develop and improve my full-stack development skills.

EDUCATION

B.Tech Artificial Intelligence and Data Science Aug 2021 – Apr 2025
Sri Sairam Institute of Technology, Chennai

High School Education July 2007 – July 2021
St. Joseph's. Matric Hr. Sec. School, Tenkasi

Curricular Activities

- Finalist in Innovathon 2.0 under SDG Goal – "Good Health and Well Being"
- Participated in Solveathon 2.0
- Participated in IGI Hackathon.

Achievements

- Published in TIJER INTERNATIONAL RESEARCH JOURNAL

  TITLE - A Mobile Application for Heart Disease Prediction Using Machine Learning.

- Conference Publication in **IEEE** - International Conference on Power, Energy, Control and Transmission Systems (accepted)

  TITLE - Cardiomegaly Detection using Deep Learning.

PROJECT

- **Heart Disease Prediction using Machine Learning and Deep Learning**

  Developed a precise machine learning and Deep Learning - based heart disease prediction model using medical data and Xray Images, emphasizing accuracy and clinical relevance. Advanced healthcare outcomes by mergingcutting-edge technology with practical clinical applications.

- **Stock price prediction using LSTM**

  This project involves predicting stock prices using a Long Short-Term Memory (LSTM) network, a type of deep learning model that excels at capturing patterns in time-series data. By training the LSTM on historical stock prices, the model can forecast future price movements.

- **Number recognition with MNIST dataset**

  This project uses the MNIST dataset to train a neural network for recognizing handwritten digits. The model learns to classify images based on pixel data, achieving high accuracy in digit recognition.

Technical Skills

Programming Language	**: Python.**
Database	**: SQL.**
Data Visualization	**: Excel, Power BI.**
Core	**: Machine Learning, Deep Learning.**
Front-End	**: HTML,CSS.**

Certifications

- Data analysis with Excel – Coursera (Rice University)
- Python for Machine Learning – Great Learning
- Python For Data Science – EDX
- Introduction to Python – Analytics Vidhya
- Data Analysis with Python - cognitiveclass.ai