Sudarshan Iyer

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Career Objective

As a dedicated and ambitious student pursuing B.Tech in Artificial Intelligence and Data Science, my goal is to leverage my strong foundation in machine learning, data analytics, and software development to innovate and solve real-world problems. Eager to contribute to a dynamic team. I seek opportunities to apply my technical skills and creativity in a challenging environment, with the goal of driving impactful solutions and advancing the field of AI and data science.

Education

Shiv Nadar University, Chennai, B.Tech Artificial Intelligence and Data Science   Sept 2022 – May 2026
- CGPA: 8.5/10.0

Projects

Virtual Alarm Clock   https://github.com/sudu-sr7/Virtual-Alarm-VLok
- Built a fully functional alarm clock incorporating various python modules in VS code and other programming platforms.

Weather Forecasting using ARIMA Model   https://github.com/sudu-sr7/Forecast-Master
- Utilized Python programming and data visualization tools to preprocess and analyze large datasets, enhancing the model's predictive capabilities and enabling actionable insights for weather-sensitive industries.

Stock Prediction Using LSTM   https://github.com/sudu-sr7/ML-Project
- Developed a stock price prediction system using LSTM, SVR, Random Forest, and Gradient Boosting models. Leveraged Python and data visualization for preprocessing and analysis, offering insights for investors.

Technical Skills

Languages: Python, JAVA, C, SQL, HTML and CSS

Machine Learning: Classification, Regression models

Deep Learning: CNNs, RNNs, ComputerVision

Framework/Libraries: TensorFlow- Keras, Flask, scikit-learn, Pandas, NumPy

Certifications

- Structured Query Language
- Relational Database Management System
- SQL TO NoSQL Database and Handson with MongoDB