

surya s

software developer

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🎓 EDUCATION

MTech Integrated Software Engineering, Vellore Institute of Technology

2019 – 2024

CGPA: **8.11**

Chennai

🧠 SKILLS

Programming Languages (Python, C,C++,SQL,R,JAVA, web languages(html,css,javascript))

Data Visualization (Tableau, Power BI, google charts, Seaborn)

Statistical Analysis (Machine Learning,Deep Learning, Neural Networks) | **Databases** (MySQL, PostgreSQL, MongoDB)

Tools and Frameworks (Pandas, NumPy, Scikit-Learn, Keras, TensorFlow, PyTorch)

💼 PROFESSIONAL EXPERIENCE

Microsoft Global Training Program/internship

May 2021 – Dec 2021

Conducted research on individual securities for investing strategies,Utilized investment software for portfolio performance analysis and future return projection based on underlying investments and risk factors

🏠 ORGANIZATIONS

DREADNOUGHT ROBOTICS(COMPUTER SCIENCE DEPARTMENT)

to control the robot and receive feedback on its performance. Additionally, they may work on integrating sensors and other hardware components with the software to create a seamless system.

🏆 AWARDS

GlobalWeek-Hackathon(WEBDEV):- RUNNER UP

2020

ATV(assembeled robotics tested vehicles):- RUNNER UP

2019

runner up of event(ROBOTICS CLUB OF VIT)robotics competition conducted by VIT

International mathematics olympiad-2nd round scholar

2017

NTSE stage 1 Scholar

2017

📁 PROJECTS

STOCK MARKET TREND PREDICTION USING LSTM WEBSITE(DEEP LEARNING)

Jun 2022

Data source: Yahoo Finance,Methodology:Split train-test data normalization,Averaging techniques for one-step-ahead predictions,LSTM deep learning technique for final trend prediction

SOCIAL WEB APP TWEET TOXICITY DETECTION AND REMOVAL USING DEEP LEARNING

The model uses TensorFlow Keras Sequential, a user-friendly framework for building neural networks with various layer types, including Dense, Dropout, and Convolutional layers in Python Jupiter notebook.

REAL-ESTATE PRICE PREDICTION, LINEAR REGRESSION (MACHINE LEARNING)

A Bangalore home price prediction model combines web development and data science. A web platform handles inflated daily housing cost changes.

NIFTER-NFT MARKETPLACE

This NFT marketplace website is fully responsive and utilizes a REST-based API for real-time NFT data access.

📜 CERTIFICATES

• Completion of python Training - Spoken Tutorial Project, IIT Bombay

• The Web Developer Bootcamp 2023 - Udemy

• Machine Learning A-Z™: Python & R in Data Science [2023] - Udemy

• MICROSOFT SIX SIGMA WHITE BELT