Medha P

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OBJECTIVE

Recent B.Tech graduate in Computer Science and Engineering with a strong foundation in programming, problem solving, and emerging technologies. Seeking an entry level position where I can apply my technical skills, contribute to innovative projects, and continuously learn and grow in the field of software development and engineering.

EDUCATION

Hosur India
HSC
St. Joesph Matric Higher Secondary School
- Percentage: 88.9%

Hosur India
SSLC
St. Joesph Matric Higher Secondary School
- Percentage: 83.6%

Coimbatore India
B.Tech Computer Science and Engineering
Karunya Institute Of Technology and Sciences
- CGPA: 7.1

Technical Skills

Language
- Python , Java

Web Development
- HTML, CSS , JAVA SCRIPT

DATABASE
- MY SQL

Tools/Platforms
- Git , GitHub, Powerbi , Exel , Android Studio

PROJECTS

Bitcoin Prediction
Machine Learning
- Developed a predictive model to forecast Bitcoin prices using historical data, leveraging regression algorithms like Linear Regression, LSTM (Long Short-Term Memory) networks, and ARIMA Algorithm.
- Utilized feature engineering techniques to enhance the accuracy of predictions by extracting relevant indicators like moving averages, RSI (Relative Strength Index), and trading volumes.

Diwali Sales Analysis
Exploratory Data Analysis
- Conducted comprehensive Exploratory Data Analysis (EDA) on Diwali sales dataset to identify customer purchasing behavior and sales trends.
- Visualized sales performance and trends using Python libraries: Pandas, Matplotlib, and Seaborn
- Utilized data cleaning techniques to handle missing or inconsistent data, ensuring accurate analysis.

Drowsiness Detection System
Machine Learning
- The driver drowsiness detection system is based on the CNN machine learning algorithm.
- It can warn with an alarm when the driver feels sleepy.

Arduino-Based Wireless Notice Board

IOT

- Using this Bluetooth wireless notice board, we can access data from a certain range.
- This project is a remote notice board with a modem connected to it.

CERTIFICATES

- Coursera | Google Data Analytics
- ICT and Capgemini | Data Analytics with Power BI
- Cisco Networking Academy | Cybersecurity Essentials, Enterprise Networking, Security, and Automation, Switching, Routing, and Wireless Essentials, Introduction to Data Science
- Microsoft | Fabric & Data Analytics
- Kaggle | Introduction to Machine Learning
- NPTEL | Data Mining, Technical English, Internet of Things 4.O |

Languages

- Tamil
- English