Shaik Mohammed Fahad

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 LinkedIn | Github | </> LeetCode

Pileru, Andhra Pradesh - 517214, India

OBJECTIVE

Motivated and adaptable computer science graduate, strong teamwork skills, and a history of impactful projects. Seeking full-time opportunities to leverage my problem-solving abilities and passion for continuous learning.

EDUCATION

- **SRM Institute of Science and Technology** *Sep 2021 - May 2025*
Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning Chennai, India
  ◦ CGPA: 8.93/10

- **Sri Chaitanya Junior College** *Jun 2019 - March 2021*
Board of Intermediate Education,Andhra Pradesh [MPC] Tirupati, India
  ◦ Percentage: 96.4%

- **Sri Kakitiya High School** *Jun 2018 - April 2019*
Board of Secondary Education Pileru, India
  ◦ CGPA: 9.8/10

PROJECTS

- **Model Selection and Comparison for Rainfall Forecasting :** *Aug 2024*
Tools: [Python, Machine Learning]
  ◦ Developed a predictive model using Logistic Regression, XGBoost, and SVM, addressing missing data with mean imputation and tackling imbalance using RandomOverSampler. Conducted exploratory data analysis, feature engineering, and data normalization to enhance performance. Evaluated models on balanced data using ROC AUC, achieving 89.6% validation accuracy with Logistic Regression. Tools used: Python, Scikit-learn, XGBoost, Imbalanced-learn, Pandas, Matplotlib, and Seaborn.

- **Pet Adoption Management System:** *April 2024*
Tools: [MySql] []
  ◦ Developed a Pet Adoption Management System with SQL, designing database tables for pets, adopters, and events while ensuring data integrity with foreign keys and constraints. Executed complex queries, generated reports, and used PL/SQL for procedures and exception handling. Configured user permissions to enhance data security and operational efficiency.

- **Driver Drowsiness Detection:** *Feb 2024*
Tools: [Python, OpenCV, Dlib, Scipy, Imutils, Pygame] []
  ◦ Developed a real-time Driver Drowsiness Detection system using Python, OpenCV, and dlib, employing facial landmark detection to monitor eye aspect ratio (EAR). Integrated audio alerts for detecting drowsiness and preventing accidents.

- **Ecommerce: [Link]** *Dec 2023*
Tools: [HTML, CSS, JavaScript] []
  ◦ Developed an interactive, responsive e-commerce website with HTML, CSS, and JavaScript.Featuring a responsive design optimized for various devices, allowing users to view products and their details. Implemented key functionalities such as a dynamic shopping cart, and seamless user navigation.

SKILLS

- **Programming Languages:** C, C++, Python.
- **Web Technologies:** HTML, CSS, Javascript(Basic).
- **Database Systems:** MySql.
- **CS Fundamentals:** OOPS, operating Systems, DataBase Managment System.

CERTIFICATIONS

- **Data Structures and Algorithm: [Link]** *July 2024*
- **Javascript: [Link]** *Dec 2023*
- **HTML: [Link]** *Nov 2023*
- **CSS: [Link]** *Nov 2023*
- **Machine Learning(Basic): [Link]** *Sep 2023*

ADDITIONAL INFORMATION

Languages: Telugu (Native Proficiency), Hindi([Limited Working Proficiency , English (Professional Working Proficiency), Urdu(Native Proficiency)