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**EDUCATION**

# Sri Eshwar College of Engineering B.E (CSE-AIML) 2023 - 2027

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| Government higher secondary school | **HSC** | **79.5%** | **2021 - 2023** |
| Government higher secondary school | **SSLC** | **All Pass** | **2020 - 2021** |

**PROJECTS**

**AI-Enhanced Complaint Management System for Rail Madad**

Developed an AI-driven model for an enhanced complaint management system for Indian Railways, utilizing Convolutional Neural Networks (CNNs) for real-time multimedia analysis and Natural Language Processing (NLP) for sentiment analysis. The model automates the categorization and prioritization of passenger complaints, significantly improving operational efficiency and response times.

**Rapid Rack (Q-Commerce app)**

Developed a Quick Commerce (Q-Commerce) application, overseeing its entire lifecycle from inception to launch. Led the design and implementation of user interfaces, backend infrastructure, and integration with third-party services. Ensured the app's quality through comprehensive testing methodologies, including unit tests, integration tests, and user acceptance testing .

Tech Stack : Flutter , Python , MongoDB , NumPy , Pandas

**Object Detection Using OpenCV**

Developed an object detection system that efficiently identifies and classifies multiple objects in images and video streams. The solution leverages OpenCV for advanced image processing, focusing on accuracy and computational efficiency to address diverse application requirements.

# CERTIFICATIONS

Python for Data Science -  **IBM 2024**

Mastering Data Structures & Algorithms using C and C++ - **UDEMY 2024**

Complete c developer course for beginners - **UDEMY 2024**

Pandas - **KAGGLE 2024**

Python Matplotlib - **GREAT LEARNING 2024**

# ACHIEVEMENTS

Won **2nd** prize in Paper presentation - Organized by Computer science department at Karpagam College of Engineering

Attended college level hackathon at Coimbatore institute of Technology.

# SKILLS

**Languages -**  C, C++, Python , HTML,CSS, JavaScript

**Core -** Data structres and Algorithms , Object oriented programming

**Tools/Platform -** GitHub, GIT, VS Code, Jupyter Notebook , Canva , MIT App Innvertor

**Database** - MySQL