Amal A

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Projects

Flour Door - A Flour Mill Business Solution App

- Developed an innovative Flutter application for the flour milling industry, revolutionizing operations and customer interactions
- Streamlined product purchases and service bookings through a user-friendly interface
- Enabled efficient inventory management and optimized production for flour mill operators
- Introduced advanced scheduling features for specialized services, enhancing operational efficiency
- Leveraged mobile technology to foster stronger client relationships and set new industry standards for excellence

Classification and Extraction of Sports/Entertainment news using ML

- Developed a system to classify sports and entertainment news from unstructured data sources using advanced text classification techniques
- Implemented a Logistic Regression classifier to categorize news headlines into four categories: Business, Tech, Sports, and Entertainment
- Conducted a comprehensive comparative analysis of various machine learning approaches, including Naive Bayes, Logistic Regression, Random Forest, and Support Vector Machine (SVM), to determine the most effective method for news classification
- Demonstrated the application of machine learning in organizing large datasets and optimizing news categorization

Hospital Management Application

- The Hospital Management Web Application is a Django-based system designed to streamline hospital operations
- It features role-based access for Admins, Doctors, Patients, and Staff, enabling appointment booking, medical records management, billing. An admin dashboard provides real-time insights, ensuring efficiency and compliance with healthcare standards

Education

Federal Institute of Science and technologies, Master of Computer Applications   Oct 2022-Jun 2024

- CGPA: 7.44
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computer Networks

Technologies

Languages: Flutter,Dart,GIT,SQL,SQLite,Python,HTML,CSS,Javascript,API Integration,Mongodb

Technologies: Linux Operating System,Database Management,SDLC,Computer Networks

Certifications

- Diploma In Python-Livewire
- C Programming - NPTEL
- Cloud Computing - NPTEL
- Google Flutter Full Stack-Logix Space Technologies
- Career Essentials in Generative AI by Microsoft and LinkedIn

Achievements

- Successfully completed Google Flutter 8 day workshop conducted by the logix space technologies
- Awarded to recognize for displaying excemplary team spirit and succeeding in making the team champion in the persona enhancement workshop