Muhammed Safwan C

Data scientist

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Professional Experience

Data Scientist Aug 2024 – present
Emergio Games Kakkanadu - Kerala

AI-ML Developer Intern Jan 2024 – Jul 2024
Doctorspot Eranakulam - Kerala

Data Scientist Intern Sep 2022 – Aug 2023
Luminar Technolab Kochi - Kerala

Education

Diploma in Bigdata Data-Science-Machine learning-Deep learning(AI)-Tableau-Bigdata Analytics Sep 2022 – Mar 2023
Luminar Technolab Kochi - Kerala

Bachelor's degree Jun 2019 – Apr 2022
Kannur University Kannur - Kerala

Skills

Programming Language
Python - SQL

Artificial Intelligence - Machine learning
Machine learning, Deep Learning , Computer vision

Database Management
MySQL - Mongo DB

Exploratory Data Analysis

Data Visualization
PowerBI - Tableau - Matplotlib - Seaborn

Data Manipulation
SQL - Pandas - Numpy

NLP & Generative AI

Projects

Soccer GPT – AI-Powered Football Chatbot
Designed and developed an **NLP-driven chatbot** using React.js, Node.js, and MongoDB to provide real-time and historical football insights. Enables natural language queries for player stats, match details, top scorers, and team data, ensuring accurate and engaging user interactions.

Emotion Prediction
A web-based emotion-checking system that uses machine learning to predict emotional states based on survey responses. The system uses Flask to handle the web interface and XGBoost for emotion prediction.

Zomato Dashboard in Power BI
Developed an interactive Power BI dashboard for Zomato, visualizing sales and profit with veg and non-veg categorization

Real-Time Football Match Analytics using YOLO and Computer Vision
Developed an AI-driven football analysis system using YOLOv8 for real-time player and ball detection in live matches and simulations like eFootball and FIFA. The system classified teams through color recognition, predicted optimal passing opportunities, and visualized dynamic strategies with real-time overlays, enabling advanced sports analytics and AI-assisted coaching insights.

Virtual Drawing Board
Developed a virtual drawing board using AI in Python that detects index finger motion via a camera for on-screen drawing. Useful for online teaching, presentations, and various industries.

Face Recognition
Identifying a person's face in an image . This is done by analyzing the visual input to determine whether a person's facial features are present.