Mahendran B

Chennai, Tamil nadu, India

✉ mahe.mahendran806@gmail.com   📱 (+91) 9361659233   in linkedin.com/mahendran

Projects

FIFA Player Performance & Economic Analytics (Link)
- Designed interactive Power BI Football Players dashboards to visualize performance data of 18,000+ football players (2015 to 2024), highlighting key metrics for different player positions.
- Created dynamic visualizations for top 10 player selections and KPIs, Significantly improving players selection accuracy.

AI Mail Manager for Everyone (Link)
- Engineered and deployed an AI email management platform using Flask, Streamlit, and OpenAI GPT-4, enabling intelligent prioritization, automated response generation, and real-time analytics for 1,000+ monthly emails.
- Implemented Advanced features developed, including contextual responses based on RAG, sentiment-aware analysis and search of the knowledge base vector, Decreased the average customer response time by 70%.

Deepfake Classification System (Link)
- Engineered a deep learning model achieving around 92 % accuracy in distinguishing between real and fake faces by leveraging Google Inception ResNet-V1 architecture on a dataset of 140,000 images.
- Leveraged Kaggle computational resources to train the model, ensuring robust performance across various facial expressions, angles, and lighting conditions, Minimized false positives by 20%.

Brain Tumor Detection System (Link)
- Designed a Brain Tumor Detection System using PyTorch and Streamlit, achieving 91% accuracy in detecting the four types of brain tumors from MRI scans.
- Optimized a CNN model on a balanced dataset of 44,000 MRI images and Built a user-friendly interface for real-time diagnostics.

Experience

Infosys Springboard - AI intern .... *August 2025 - October 2025,*
- Engineered and deployed a full-stack AI platform for Azure capacity planning, achieving 84.7 percent predictive accuracy and Saved Significant in annual cost savings.
- Coordinated and facilitated 3 Intra-college AI workshops, fostering a collaborative learning environment.

Member, IEEE-CS Society .... *(Link)* *Mar 2023 - Present,*
- Conceptualized and taught 10+ hands-on GenAI and LLM exercises during a workshop; the workshop was rated 4.8/5 by students and improved understanding of GenAI concepts

SKILLS

Back End	Python ,R, C++
Deployment	Spring boot, Flask
DBMS	MySQL, MongoDB
Version Control	GIT , GitHub
DSA	OOP Concepts
ML Libraries	TensorFlow,Pytorch, Scikit-learn, Open-CV, ML-flow
Data Analytics	Power BI

EDUCATION

S. A Engineering College
B.E - Computer Science(AIML)
CGPA: 8.0/10

CERTIFICATIONS

-**Advanced R Programming for Data Analytics in Business   IIT Kanpur (NPTEL).** (Link)

-**Machine Learning Specialization by DeepLearning.AI (Andrew Ng).** (Link)

-**Deep Learning for Natural Language Processing by IIT-Kharagpur.** (Link)

Achievement (Link)

Secured Runner-Up at Nexus 2024 Project Expo Hackthon (IEEE Society) for the Deepfake Detection project, recognized for its AI-driven approach to combating digital misinformation.

Links

- ⚙ github.com/Mahendran
- k kaggle.com/Mahendran
- Ⓗ Leetcode.com/Mahendran