Muhammed Asnan

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Portfolio: https://asnanp.netlify.app | LinkedIn: linkedin.com/Asnanp1 | GitHub: github.com/Asnanp

Objective

Driven +1 Computer Science student passionate about Machine Learning, Voice AI, and 3D Web Experiences. I design and build practical, performance-optimized AI solutions with a focus on real-world impact and usability.

Education

SKMJ HSS, Kalpetta
+1 Computer Science Stream
Expected Graduation: 2027
Grade: A

Skills

Languages & Tools: Python, JavaScript, HTML, CSS, React, Flask, Three.js
Machine Learning: scikit-learn, pandas, numpy, matplotlib
AI & ML: Sentiment Analysis, Recommender Systems, Voice AI, Gemini API
Tools: Git, GitHub, Responsive Design, Web Performance Optimization

Projects

- Ad Detector + Scam Prediction System (2025)

Built a machine learning model with 93% accuracy to predict ad clicks and detect scam indicators from visuals and metadata. Reduced marketing spend and identified phishing patterns.
Tech: Python, TensorFlow, Image Processing, Feature Engineering

- Voice-to-Voice AI with Sentiment Prediction (2025)

Developed a real-time voice assistant that recognizes speech, analyzes emotions, and responds intelligently. Integrated edge-tts, Vosk, and Mistral AI API.
Tech: Python, Vosk, Edge TTS, Sentiment Analysis, Flask

- Fake Review Detector with Writing Style Analysis (2025)

NLP-based model analyzing tone, structure, and metadata to flag deceptive reviews.
Tech: Python, NLP, sklearn

- ⬚ Advanced House Price Prediction

Regression-based ML model trained on housing data using feature engineering, neighborhood clustering, and outlier detection.
Tech: scikit-learn, pandas

- ⬚ Gemini AI Integration

Integrated Google Gemini API for smart text generation in real-time web apps.
Tech: JavaScript, API

- ⬚ Recommender System

Personalized suggestion engine using collaborative filtering.
Tech: Python, NumPy, pandas

⬚ Achievements
⬚ A Grade – State-Level Web Design Competition (2024)

⬚ Links
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