Armond Jose

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Skills

Languages: Python, JavaScript, C, PHP, SQL
Tools & Technologies: Git, HTML, CSS, MySQL
Concepts: AI, ML, OS, Computer Networks, Compiler

Experience

Proxenix   April 2025 – Present
Data Science Intern   *Remote*

- Built a neural network from scratch in Python to recognize handwritten digits using basic mathematical operations, without using machine learning libraries
- Worked on sequence-to-sequence models using transformer architecture, focusing on encoder-decoder structure and attention mechanism

Projects

AI-Enhanced Public Monitoring System ↗ | *Academic*   2025

- Developed a real-time system to detect fire, violence, and accidents using YOLOv8 and MobileNetV2 models, triggering automated SMS alerts via Twilio with GPS location
- Integrated decentralized storage by uploading incident videos to IPFS and securely recording metadata on the Ethereum blockchain through smart contracts for immutable evidence tracking
- Achieved an overall detection accuracy of 90% across tested scenarios, ensuring reliable real-time emergency recognition
- Python, PyTorch, TensorFlow, React, Ethereum, IPFS, Twilio API, OpenCV

ML-Based Health Assistant Bot ↗ | *Academic*   2024

- Built an intelligent Bot using Decision Tree and SVM models to predict diseases based on user-reported symptoms from structured medical data
- Delivered personalized diagnosis, severity assessment, and precautions using symptom severity, descriptions, and precaution CSVs
- Python, scikit-learn, pandas, Decision Trees, SVM

Video Streaming App Frontend Replica ↗ | *Personal*   2025

- Designed and developed a responsive video streaming UI similar to YouTube with custom media content
- Created dynamic layouts and intuitive navigation for home, search, and video detail pages using responsive design
- HTML, CSS, JavaScript, Git

Simple Calculator ↗ | *Personal*   2024

- Built a fully functional calculator enabling users to perform arithmetic operations with a responsive UI
- HTML, CSS, JavaScript, Git

Education

Vimal Jyothi Engineering College   Kannur, Kerala
B.Tech in Computer Science – CGPA: 7.42/10   *Nov 2021 – May 2025*

GHSS Sreekendapuram   Kannur, Kerala
Higher Secondary Education in Bio Science – Percentage: 92%   *Jun 2019 – Mar 2021*

Achievements & Certifications

Completed Course on AI/ML for Geodata Analysis - ISRO   2024

Internship on Flutter – Alisons Informatics   2023

Workshop on Introduction to Augmented Reality - IEEE   2022

Interests

Finger Drumming   •   Badminton   •   Puzzle Solving