NIRMAL JOHN

✉ nirmaljohn2004@gmail.com 📞 +91 6282547560

in https://www.linkedin.com/in/nirmal-john-732690254

OBJECTIVE

Aspiring Computer Science professional with a strong interest in problem solving and a passion for continuous learning. Eager to apply technical skills and innovative thinking to contribute effectively in a dynamic and challenging environment.

EDUCATION

APJ Abdul Kalam Technological University (2022-Present)
Bachelor Of Technology in Computer Science and Engineering   *CGPA: 7.83 (calculated up to S6)*

St Antony's Higher Secondary School (2020-2022)   *Percentage: 93.3%*

SKILLS PROFILE

TECHNICAL SKILLS:

Proficient in HTML and CSS : Created a charity website using HTML and CSS, featuring an integrated payment gateway.

Gained knowledge on Google Cloud Platform : Part of Google Developer Student Clubs – Sahrdaya College of Engineering & Technology | Jun 2024

Foundational Experience in Machine Learning and Agentic AI: Built ML models using algorithms like linear regression, logistic regression and decision trees; currently developing an AI-powered coding tutor for beginners using Agentic AI principles.

Strong problem-solving skills using Java: Regular user of LeetCode and HackerRank, where I continually sharpen my problem-solving skills in Java.

LEADERSHIP AND TEAMWORK:

- Class President (2020-2022, 2022-2023)
- Chairperson of the KCYM.(2024-2025)

PROJECTS

AI-Based Personalized Learning Platform

Built an adaptive learning platform using LangGraph and LLM-based agents to deliver personalized syllabus generation, content creation, and mastery-based evaluation. Developed the backend using FastAPI, integrated a React-based frontend, and implemented data storage with Google Firestore.

Emotion Detection Using Deep Learning

We developed an emotion detection system using OpenCV and TensorFlow. This project aims to recognize and classify human emotions from facial expressions in real-time, enhancing human-computer interaction across various applications, such as customer service and mental health monitoring

ACHIEVEMENTS

- Secured 3rd prize in the Buildathon conducted at Christ College of Engineering for developing a sign language converter to text and audio.
- Micro project first prize, Sahrdaya College of Engineering And Technology.