NIRMAL JOHN

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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)   *CGPA: 7.8 (calculated up to S5)*
Bachelor Of Technology in Computer Science and Engineering

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

Amateur knowledge 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 Python and Java: Regular user of LeetCode and HackerRank, where I continually sharpen my problem-solving skills in Python and Java

LEADERSHIP AND TEAMWORK:

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

Effectively utilized communication skills and an approachable demeanor to guide and motivate classmates, demonstrating strong leadership and responsibility.

PROJECTS

Predicting Network Nature using Linear Regression Algorithm

We developed a machine learning model to predict network behavior by analyzing and processing data, then applying linear regression techniques. This model aims to provide insights for network management and optimization.

Emotion Detection Using Machine 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.