Magendran P

Student

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LinkedIn Profile

EDUCATION

Grade 10
The New John Dewey Matric High School (2020)
Percentage :91.4%

Grade 12
John Dewey Matric Hr Sec School (2020 - 2022)
Percentage :94.5%

B. TECH IN AI & DS
Kumaraguru College of Technology(2022 - 2026)
CGPA:8.045%

SKILLS

Technical Skills

- **Programming Languages**:
  - Python
  - C++
  - JavaScript
  - Front-End Development
- **Tools:**
  - MySQL

Soft Skills

- Problem Solving
- Team Collaboration

PROFILE

Aspiring AI & Data Science student with a passion for solving complex challenges. Eager to gain first-hands-on industry experience, contribute to impactful projects, and collaborate with experts. Ready to innovate and make a difference!

PARTICIPATION

- **Workshop on Generative AI** – Hands-on with Transformers at Kct.
- **TERRA NOVA -** IEEE KCT Ideation
- **WISE-AI-THON- A** 26-hour hackathon at KCT

PROJECT

* **AI-Powered Sign Language Detection Using NLP for Inclusive Communication**

   Designed a 6-axis robotic arm using Fusion 360, featuring precise articulation and flexible movement for industrial and automation applications. The model includes servo-driven joints, an ergonomic structure, and a modular design for enhanced versatility.

* **Travel Booking Web Application(using the MERN stack)**
  - Implemented the front-end using HTML and CSS to create an intuitive user interface.
  - Enabled functionalities for browsing tickets and processing orders.

* **AI-Driven Microloan Recommendation System for Financial Inclusion.**

   Proposed the development of a mobile application for microloan recommendations, leveraging a neural network for accurate credit evaluation and K-Nearest Neighbors (KNN) to suggest loans based on similar financial profiles.