Kruthick Pandian S

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Git / GitHub: https://github.com/K-R-U-T-H-I-C-K

PROFILE

B Tech Computer Science Student at SASTRA Deemed University with foundational knowledge in Python, C/C++, Object-Oriented Programming (OOP), Java, Problem-Solving, Debugging, Data Structures, Algorithms and Web Development. Passionate about building real-world projects and solving problems using software development and AI tools.

EDUCATION

Bachelor of Technology in Computer Science August 2025– July 2029
SASTRA Deemed University, Thanjavur

- GPA: 9.02 , Relevant Courses: Data Structures, Web Dev, Software Engineering

ACHIEVEMENTS

- **Won three quiz competitions in AI field and General Knowledge showcasing technical skills and critical thinking.**
- **Completed 5+ university level Workshops such as AI Imaging, Web Development, AI tools, etc...**
- Achieved recognition for excellent team working skills by working on a project Intelli-Road Powering System in college and participating in team competitive events.
- 1st prize in written competitive exam including maths, physics, chemistry, computer science and grammar conducted by Eeshwar Engineering College.

SKILLS

Programming & Development:

- C/C++ - Moderate
- Python - Moderate
- Java- Moderate
- Web Development (HTML,J avascript, CSS) - Basic

Frameworks / Platforms:

- Node.js - Basic

Tools & Technologies:

- Git / GitHub - Moderate
- VS Code - Moderate
- LeetCode- Moderate
- Flutter- Moderate

CERTIFICATES

Be 10x Workshop

- https://drive.google.com/file/d/16Vaf_OTLPjG8GRyBMbgIBCbGKEE1kQjR/view?usp=sharing

HCL

- https://drive.google.com/file/d/1UK7iQzcXY6QUHxgQGFuz6pjEMZkpvf3Q/view?usp=sharing

CORIZO

- https://drive.google.com/file/d/18X0Lk5_KNYUugWY5w5ovD28vaJNL8xDr/view?usp=sharing
- https://drive.google.com/file/d/16FV9HyfBwkM3wbUEqmo4XXmJJ-0ijAqE/view?usp=sharing

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STRENGTHS

- Team Collaboration
- Problem Solving
- Time Management
- Communication Skills

Projects

Intelli-Road Powering System

ROLE: Leader

- **Designed a prototype system to generate electrical energy from vehicle movement using kinetic energy principles.**
- Promotes Electrical Vehicles (EVs) and pollution reduction.
- Collaborated in a 3-member team to design and present the model.
- Focused on sustainable energy concepts and EV support systems.
- Technologies Used: Programming Languages such as C/C++, GitHub, Arduino Sensors.

E-Commerce Website

SOLO PROJECT

- **Built a full-stack e-commerce web app with separate User and Admin modules, covering end-to-end flows like product browsing, cart management, checkout, and order tracking.**
- Implemented client-side data persistence using localStorage as a database layer, eliminating backend dependency while supporting CRUD operations for users, products, and orders.
- Developed an Admin dashboard with real-time stats, inline order status management, product add/edit/delete with live preview, and customer spending analytics.
- Designed a responsive UI from scratch using vanilla HTML, CSS, and JavaScript — including dynamic search/filter, toast notifications, and a confetti order-success animation.