UMAIORUBAGAN V

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Portfolio - Umai | Portfolio (umaiorubagan08.github.io)

PROFILE

Recent graduate with a B.E. in Electronics and Communication Engineering. Foundational skills in OOPS, web development, and fundamental database. Strong problem-solving abilities, effective communication skills, and dedicated to continuous learning and mastering new technologies.

SKILLS

– PYTHON	– HTML	– CSS	– OOPS	– BOOTSTRAP
– JAVASCRIPT	– GITHUB	– BOILERPLATE	– REACT JS	– EMBEDDED SYSTEM

INTERNSHIP AND OTHER EXPERIENCES

Intern – Embedded System   *Feb 2024 – Mar 2024*
ANCIT CONSULTING   Dindigul, India
– Developed an indicator light using an Arduino UNO board and a relay module. Learned about STM32 microcontroller, Implemented indicator lights in a car.

Html and Css - Bootcamp   *August - 2023*
– Learned HTML, CSS, and SQL fundamentals, becoming proficient in HTML and CSS. Created an education website, a restaurant website, and a responsive website.

PROJECTS

- **AUTOMATIC FAULT DETECTION IN STREET LIGHTS:**

    – The project focuses on creating a system to quickly find problems with street lights and making public spaces safer and more reliable. It reduces the energy consumption and costs of the street lighting system.

    – GitHub link: https://github.com/Umaiorubagan08/Automatic-Fault-Detection-in-Street-Lights

- **WEB DEVELOPMENT:**

    – Developed multiple web projects including a education webpage that mimics Udemy's design and functionality, a Restaurant Website with a responsive layout for better user experience.

    – GitHub link: Udemy (umaiorubagan08.github.io), Food | Order (umaiorubagan08.github.io)

- **AI-ENABLED CAR PARKING SYSTEM:**

    – Worked with a team to build a system using Python and IBM tools. Applied computer vision and machine learning with OpenCV to help drivers find parking spaces in real-time, making parking more efficient.

    – GitHub link: GitHub - Umaiorubagan08/AI_Car_Parking_Project: AI_Car_Parking_Project

CERTIFICATES

HTML & CSS Course | Bootcamp	*Apr 2024*
Python Certification Course | GUVI IITM	*Oct 2023*
Project on Al-enabled car parking using OpenCV | IBM	*Oct 2023*
Machine Learning course | Infosys	*Jul 2023*

EDUCATION

Anna University - Dindigul, India	*2020-2024*
Bachelor of Engineering in ECE	CGPA - 8.19
SDA Matriculation Higher Secondary School - Dindigul, India	*2019-2020*
CLASS XII	Score - 63.16%
SDA Matriculation Higher Secondary School - Dindigul, India	*2017-2018*
CLASS X	Score - 73%