

Indra Kaartikeya

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WORK EXPERIENCE

Web Development • Internship

Dec 2022 - Jan 2023

Verzeo, Virtual

During my previous internship, I was an active member of the testing team, where I played a key role in identifying bugs and contributing to their resolution. Through this hands-on experience, I gained valuable knowledge in troubleshooting and bug-fixing techniques. I am eager to apply my skills, learn from industry experts, and further enhance the quality assurance process while advancing my career in web development or software testing.

EDUCATION

Bachelor of Engineering (B.E), Artificial Intelligence And Machine Learning

2022 - 2026

New Horizon College of Engineering

Senior Secondary (XII), CBSE

2022

Accord School, Chittoor

PROJECTS

IOT USING PYTHON

Jul 2024 - Aug 2024

We have designed an innovative project to control fans and lights remotely via Wi-Fi, offering a convenient solution for smart home automation. Developed using Python, this system integrates Wi-Fi modules with microcontrollers, allowing users to operate appliances through a mobile app or web dashboard.

Key Features:

- Remote Access: Control devices within the Wi-Fi network.
- Real-Time Operation: Instant response to commands.
- Energy Efficiency: Minimize energy waste by managing appliances effectively.
- Scalability: Easily expand to include more devices.

This project highlights the practical use of IoT

technology, demonstrating how Python and Wi-Fi-enabled devices enhance daily convenience and energy management. It serves as a foundation for more advanced smart home solutions.

Machine learning Project

Nov 2024 - Present

We are developing a project using machine learning for face detection to identify thieves. The system analyzes facial images, comparing detected faces with a database to find the closest match and ensure accurate identification.

Key Features:

- Real-Time Detection: Identifies faces instantly using advanced image processing.
- Facial Recognition: Matches faces against a database of known individuals.
- Machine Learning: Employs cutting-edge algorithms for high-accuracy identification.
- Alerts: Sends notifications if a known thief is detected.
- Scalable: Supports expanding datasets for improved coverage.

This project integrates computer vision and machine learning for enhanced security, with applications in surveillance and theft prevention.

SKILLS

- Python
 - HTML
 - Data Structures
- Java
 - CSS
- JavaScript
 - C Programming