

SUGUNA.A

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SKILLS

Programming: Python

Web: HTML, CSS, Bootstrap, JavaScript

Frameworks: Node.js, React.js

Database: MySQL

PROJECTS

Netflix Clone

May 2025

HTML, CSS, Bootstrap

- Built a fully responsive **streaming website UI** replicating Netflix user experience.
- Designed reusable UI components and optimized layout for smooth performance.

Weather App

May 2025

JavaScript, OpenWeather API

- Developed a **real-time weather application** using OpenWeather API.
- Implemented dynamic data rendering and clean UI for better usability.

Smart Agriculture System

March – May 2024

ESP32, GSM, Sensors, Adafruit Cloud

- Developed IoT-based solution for **bird detection, GSM alerts, and soil moisture prediction**.
- Integrated data streaming with **Adafruit Cloud** and deployed using Arduino IDE and Raspberry Pi.

INTERNSHIP & WORKSHOPS

Full Stack Web Development – Edureka (Online)

May 2025 – June 2025

Full Stack Internship

- Learned **end-to-end full stack development** including frontend, backend, and database integration.
- Worked on **REST API development, deployment, Git version control** and real-time coding tasks.
- Built scalable web applications improving **problem-solving and development skills**.

Web Development – CodeBind Technologies

March 2024

Web Development Internship

- Gained hands-on experience in **frontend and backend development** using HTML, CSS, JavaScript, and Node.js.
- Developed a mini project and improved **industry workflow understanding and teamwork skills**.

Drone Technology Workshop

April 2024

Drone Programming & Applications

- Learned **drone components, flight control systems, real-time applications**, and autonomous navigation basics.

AI and Machine Learning Workshop

April 2023

Hands-on Technical Training

- Learned **supervised & unsupervised learning**, data preprocessing, and ML model building using Python.

ACHIEVEMENTS

- **Participated in Smart India Hackathon (SIH)** on Early Warning System for Glacial Lake Outburst Floods (GLOF).
- Successfully completed certified internships in Full Stack Web Development.

EDUCATION

Idhaya Engineering College for Women

2022 – 2026

B.E. in Computer Science and Engineering, CGPA: 8.68

Chinnasalem, Tamil Nadu

Govt. Girls Hr. Sec. School, Thiyyagadurgam

2022

HSC (12th) – 84%

Thiyyagadurgam, Tamil Nadu

Govt. Girls Hr. Sec. School, Thiyyagadurgam

2020

SSLC (10th) – 84%

Thiyyagadurgam, Tamil Nadu