Shadhani TT

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PROFESSIONAL SUMMARY

Recent B.Tech graduate in Information Technology with a strong foundation in software development, data structures, and algorithms. Proficient in programming languages such as Java, Python, and C++, with hands-on experience in web development technologies including HTML, CSS, JavaScript, and SQL. Demonstrated ability to work effectively in team environments through various academic projects. Enthusiastic about leveraging technical skills to contribute to innovative projects and eager to learn and adapt in a dynamic work environment.

EDUCATION

B.Tech Information Technology   **2022 - Present**
College of Engineering Guindy, Chennai

Diploma in ECE   **2019 - 2022**
Kongu Polytechnic College, Perundurai

SSLC   **2017 - 2019**
Vidyaa Vikas International School, Tiruchengode

SKILLS

- C++
- Java
- HTML
- CSS
- Figma
- C
- Python
- JavaScript (Basics)
- PSQL

PROJECTS

Live Sports Streaming and Analysis Website
Technologies Used: HTML, CSS, PHP, JavaScript, MySQL
Description: Developed a revolutionary platform merging live streaming, scores, and analysis, transforming fan engagement. This project demonstrates my ability to blend technology and passion for an interactive experience.

IoT-Controlled Robotic System with Security Features
Technologies Used: Embedded C
Description: Developed an Arduino ESP32-powered robotic system integrated with PIR motion and metal detection sensors, connected to Firebase for remote control via a user-friendly mobile app. Utilized high RPM motor and a system's potential as an alternative bomb detector through successful simulations.

IoT-Home Automation System
Technologies Used: Embedded C
Description: Developed a home automation system using ESP32 microcontroller and IoT technology. The system allows users to remotely control home appliances and devices via a mobile application, enhancing convenience and energy efficiency.

CERTIFICATIONS

Python IIT-M Certified
Offered by Guvi

Network Essentials
Offered by CISCO Network Academy

LANGUAGES

- Tamil
- English
- Kannada
- Telugu

EXTRACURRICULAR ACTIVITIES

Director of Web Development
LEO Club of CEG

ACHIEVEMENTS

- **PSG Tech Trophy** Handball Tournament (State Level, Second Place)
- **Erode Divisional Handball Tournament** {Second Place)
- **Zonal Handball Tournament** (First Place)