SOWMYA V

Final Year Information Technology

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PROFILE

To secure a challenging position in a reputable organization where I can learn new skills , expand my knowledge and skills . Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

PROJECTS

ZENSPHEREACADEMY DEMO WEBSITE

Designed and developed a fully functional demo website for Zensphere Academy, an online Japanese language learning platform. Utilized HTML, CSS, JavaScript, and Bootstrap for front-end development . Implemented SQL for backend operations to store user registration data.

SMART FARMING USING STM32 FOR CROP PREDICTION

Developed an IoT-based agriculture monitoring system using STM32 microcontroller, integrating temperature, humidity, and soil moisture sensors. Implemented real-time data transmission via WiFi to a server running AI-based crop prediction and weather monitoring models. Designed a map-based interface to provide actionable insights for optimized irrigation, planting, and harvesting, enhancing productivity and reducing water waste.

MINI PROJECT
PORTFOLIO

Developed a responsive portfolio using HTML,CSS,Javascript and Bootstrap.
The website is capable of Form submission.

EDUCATION

B.Tech In Information Technology   **2022-Present**

RMD Engineering College,Kavaraipettai.

CGPA: 8.11   **2021-2022**

Higher Secondary(12th)

Velammal Matric Higher Secondary School,Ponneri.

Percentage: 78.8

High School   **2019-2020**

Alpha Matriculation HSC School 2020

Percentage: 70.4

TECHNICAL SKILLS:

Programming Languages: Java
Web Development : Html | CSS | Javascript
Database Management: MySQL
Cloud: AWS -Fundamentals

CERTIFICATIONS:

IBM Skillbuild: Web Development Fundamentals
Oracle: Oracle Cloud Infrastructure 2025 Certified Foundation Associate.
Hackerrank: JAVA | SQL
Nptel: Cloud Computing and Distributed System

INTERNSHIPS:

AK Solutions

Internship on JAVA and SQL

Prodigy Infotech

Internship on WEB DEVELOPMENT

AREA OF INTEREST:

Computer Networks

Object Oriented Programming