SURIYAKAANT S R

AspiringSoftwareDeveloper|CSBSEngineer | IoT Innovator

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SUMMARY

I am a driven and creative Computer Science and Business Systems Engineering student with hands-on experience in full-stack development, IoT systems, embedded solutions, and data analytics. I am passionate about building impactful, user-centric applications with clean UI/UX and scalable backend logic

EXPERIENCE

Embedded System Design Intern

Camwear LLP

📅 01/2023 - 05/2023   📍 Chennai

A company focused on creating innovative wearable technology
- Developed IoT-enabled wearable prototypes using ESP32 microcontrollers
- Integrated real-time sensor modules and optimized communication protocols
- Automated testing pipelines, improved debugging efficiency
- Provided technical insights for prototype performance optimization

EDUCATION

B.Tech in Computer Science and Business Systems

Rajalakshmi Institute of Technology

📅 08/2022 - 05/2026   📍 Chennai

PROJECTS

Personal Portfolio Website

📅 01/2023

Personal portfolio website showcasing my projects
- Responsive portfolio built using HTML, CSS, and JavaScript
- Backend under development with Node.js

Real-Time Face Recognition Attendance System

📅 01/2023

A system that recognizes faces to automate attendance using real-time video
- Developed a Python OpenCV system achieving 95% accuracy for automated attendance

CRUD Book Management System

📅 06/2023

A simple application to manage books where users can add, update, and delete books
- Created a full CRUD web application with clean UI and efficient backend

STRENGTHS

Problem-Solving & Technical Initiative

Strong problem-solving skills and technical initiative

KEY ACHIEVEMENTS

Accenture Innovation Challenge

Proposed a business-tech innovation model at Accenture Innovation Challenge

SKILLS

IoT Gmail Python JavaScript
Flask React Arduino Pandas
Numpy MatplotLib Seaborn
Plotly REST Figma Canva
Git GitHub Embedded System
Automated Testing HTML CSS
Node.js OpenCV SQLite Java
MongoDB Visual Studio Code

INTERESTS

Volunteering & Open-Source Contribution

Volunteered in major college tech events and contributed to open-source projects