

Harishkanna R

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SUMMARY

Aspiring Computer Science Engineering student with strong skills in data structures, algorithms, and software development. Proficient in Java, Python, and full-stack web technologies. Experienced in building user-focused applications and eager to apply technical knowledge to real-world projects.

EDUCATION

B.E. Computer Science and Engineering

Aug 2024 – Present

Sri Sivasubramaniya Nadar College of Engineering

CGPA: 7.256/10

Diploma in Electrical and Electronics Engineering

Jun 2021 – Apr 2024

Sri Moogabaigai Polytechnic College

Percentage: 96.14%

State First Rank Holder

TECHNICAL SKILLS

Languages: Java, Python

Web: HTML, CSS, JavaScript, TailwindCSS, React.js

Databases: MySQL, Oracle SQL

Tools: Git, GitHub, VS Code

Concepts: Data Structures and Algorithms, OOPS, DBMS, Operating System

Projects

SAP Hackfest 2025 – Sustainable Business Theme

- Participated in SAP Hackfest 2025 focused on sustainable business solutions; advanced to Round-2 by developing innovative enterprise applications using SAP technologies.

Inventory Management System (Java + MySQL)

- Built a Java Swing application with a MySQL backend for inventory control, featuring user authentication, audit logging, CRUD operations, and low-stock alert reporting.

IoT Weather Monitoring Station using Arduino and ESP8266

- Designed a weather station to monitor temperature, humidity, and pressure using Arduino and ESP8266, with real-time data sent to Blynk for mobile visualization and alerts.

IoT-Based Fire-Fighting Robot using Arduino

- Developed an autonomous fire-fighting robot using Arduino UNO, IR flame sensors, and ultrasonic modules, programmed to detect fire, avoid obstacles, and activate a servo-controlled water pump in real time.

LEADERSHIP & ACTIVITIES & ACHIEVEMENTS

- Marketing and Social Media Executive, **SSN IEEE PELS Chapter**
Managed social media campaigns to increase chapter engagement and outreach.
- Deputy Head of Sponsorship, **SSN Lakshya Entrepreneurship Club**
Coordinated sponsor outreach and helped secure funding for club events.
- Secured **State First Rank in Diploma in Electrical and Electronics Engineering with 96.14%**.