SHRADDHA K

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Summary

Enthusiastic engineering student passionate about building innovative tech solutions in IoT, web development, and data analytics. Experienced in developing projects with real-world impact in agriculture, healthcare, and sustainability. Eager to contribute to software development or data-driven roles with strong skills in Java, SQL, and analytical problem-solving.

Education

Canara Engineering College, Mangalore 2022 – 2026

Bachelor of Engineering – Information Science and Engineering

CGPA: 8.57

Annapoorneshwari PU College, Agalpady 2020 – 2022

Pre-University Course (PCMB - Physics, Chemistry, Mathemat-

ics, Biology) Percentage: 94%

Shree Sathyanarayana High School, Perla 2019 – 2020

SSLC (10th Grade)

Projects

IoT based Smart Irrigation System

- Developed a smart solution to efficiently control irrigation using IoT.
- Utilized ESP8266, Blynk App, and Relay Module to automate motor control.
- o Designed an intuitive UI using Flutter-Flow.
- o Tools Used: Arduino IDE, Flutter Flow

Smart Hospital Management System

- Developed a smart hospital management system to efficiently manage hospital operations including patient appointments, medical records, and doctor availability tracking.
- Used MySQL to create relational tables for patients, doctors, appointments, and treatments.
- Implemented foreign key constraints to ensure data integrity.
- o Performed CRUD operations using JDBC in Java.
- o Tools Used: Java, SQL

Skills

Languages (Coding) Java, C, SQL, HTML, CSS

Tools & Platforms Flutter Flow, Arduino IDE, Power BI, Excel, VS Code, Eclipse

Soft Skills Quick learner, Team player, Problem-solving

Languages (Spoken) English (Intermediate), Kannada, Malayalam, Hindi

Certificates

Problem solving through programming in C, NPTEL-Certificate.

Programming in Java, NPTEL-Certificate with Elite badge.

Successfully cleared the assessment for the SQL (Basic) skill from Hacker-Rank