SAHITHYA M

SAHITHYA | LinkedIn

Skillrack

Github

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Leetcode

CAREER OBJECTIVE

A proactive and curious software enthusiast with a passion for continuous learning and growth. Eager to apply my foundational knowledge and technical skills in a dynamic software engineering role. Seeking a challenging position in a forward-thinking organization where I can contribute to innovative projects while evolving both personally and professionally.

SKILLS

- Programming languages - C , Python & Java
- Concepts - Object Oriented Programming, Data Structures
- Web development - HTML , CSS , TypeScript
- Simulation and Modeling - MATLAB , Simulink
- Web frameworks - SpringBoot,Angular
- Tools & Platforms - Swagger,Postman, Git, VS Code, IntelliJ IDEA

PROJECTS

RSSI-BASED PROXIMITY ALERT AND EMERGENCY VEHICLE PRIORITIZATION

Developed an autonomous car using RSSI-based signal detection to identify emergency vehicles via IP addresses. Implemented adaptive cruise control, ZigBee-based V2V communication, and automated traffic light control, integrating ESP8266, Arduino Uno, L298N motor driver, and Bluetooth module for seamless operation.

SMART HOTEL BOOKING SYSTEM

A web application that enables users to search, view, and book hotel rooms based on location, price, and ratings. Implemented dynamic search filters, real-time availability, and a seamless booking interface. Designed a user-friendly UI to display hotel details, amenities, and customer reviews.

BOOKHUB WEBSITE - JAVA SPRINGBOOT FRAMEWORK

Developed an online bookstore platform allowing users to browse, update, and delete book listings. Implemented user-friendly interfaces for managing book data. Utilized Spring Boot for backend development, ensuring efficient data handling and API integrations.

INTERNSHIP EXPERIENCE

JAVA Full Stack Development Intern   **COGNIZANT| 04/2025 - 07/2025**

Built a full-stack hotel booking app using Spring Boot, MySQL, and Angular with search, view, and booking features based on user preferences.

Web Development Intern   **INTERNPE | 10/2023 - 11/2023**

Developed the front end design of an ecommerce website SHOPLINE

Embedded system Intern   **PANTECH SOLUTIONS | 06/2024**

Worked with ESP32 microcontroller and interfaced with sensors

EDUCATION

R.M.K Engineering College
B.E.- ELECTRONICS AND COMMUNICATION ENGINEERING : CGPA -8.53
2021 - 2025

RMK PATASHAALA
CBSE CLASS 12 : 95.6%
2021

RMK PATASHAALA
CBSE CLASS 10 : 92%
2019

CERTIFICATIONS

- Embedded Systems- Teachnook
- C Programming - Infosys Springboard
- TOEFL - iTP (C1)
- MATLAB, SIMULINK -Mathworks

SOFT SKILLS

- Strong problem-solving abilities.
- Ability to collaborate and work in teams.
- Excellent communication skills.