

SATHISH KUMAR

Bengaluru | +91 8098326892 | sathishprabhakar2205@gmail.com

Profile

Aspiring Java Full Stack Developer with strong knowledge of Java, Spring Boot, SQL, and web technologies. Passionate about building scalable and secure applications.

Technical Skills

Programming Languages: Java, JavaScript, SQL, HTML, CSS

Frameworks & Libraries: Spring Boot (REST APIs), JDBC, Hibernate

Databases: MySQL

Tools & Platforms: Postman, Git & GitHub

Experience and Projects

Attendance Management System using RFID Technologies: Spring Boot, MySQL, REST API

- Built a smart RFID-based attendance system that automates attendance capture and analysis
- Integrated hardware (RFID reader) with backend services

Voice Control Home Automation Using Arduino Uno.

- Developed a home automation system using Arduino Uno that responds to voice commands for controlling home appliances.
- Integrated Bluetooth module (HC-05) with a smartphone app for wireless voice input communication.
- Used relay modules to control electrical devices like lights and fans based on interpreted commands.
- Implemented voice recognition via a mobile-based voice assistant (e.g., Google Assistant or custom app).

Vehicle Rental Platform

React.js, Tailwind CSS, Firebase, Context API

- Built a responsive, mobile-first UI using Tailwind CSS, ensuring seamless user experience across phones, tablets, and desktops.
- Integrated Firebase Authentication and Firestore to handle user login, registration, and real-time data syncing for a fully functional prototype.
- Replaced manual booking steps with an automated system using Firestore, streamlining the ride request and assignment workflow.
- Used React Context API to manage app-wide state, enabling consistent and real-time updates across components without prop-drilling.

Education

Bachelor of Business Administration

MGR College, Hosur

Dec 2021 – May 2025