Karthikeyan R

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EDUCATION

K S Rangasamy College of Technology, Tamil Nadu   *September 2023 - July 2027*

B.Tech. Information Technology   CGPA: 8.53/10 (Till 5th Semester)

TECHNICAL SKILLS

Backend   : Java, Spring Boot, Python, C
Frontend   : React.js, HTML, CSS, JavaScript, Tailwind CSS
Database   : MySQL, PostgreSQL
Tools/Technologies   : Git, GitHub, VS Code, IntelliJ IDEA, Postman, Workbench, pgAdmin

PROJECTS

Auctonix - Online Auction Platform (github)   Nov 2025 - Jan 2026

· Built a full-stack auction platform using React, Spring Boot, PostgreSQL, and WebSockets with real-time bidding functionality. Designed interactive UI with live and upcoming auction cards, advanced filtering (live, upcoming, ended), and responsive navigation. Added live auction tracking, automated auction completion, ML-based price suggestion, and secure payment flow.

Hostel Management System (github)   Apr 2025 - Jun 2025

· A full-stack web application built using Spring Boot, MySQL, React.js, and Firebase Authentication to manage hostel operations in a college. Implements role-based login for Students and Wardens, offering personalized dashboards and features. Students and Wardens can view room details, submit/view complaints, check mess menu, request parent visits, and track fee status.

RK ServeHub (github)   Feb 2025 - Mar 2025

· A full-stack restaurant web application developed using React, Spring Boot, and MySQL. Features include section-based navigation, dynamic food menu filtering, and a real-time reservation form. Integrated JavaMailSender for automated email confirmations to enhance user experience.

ADDITIONAL SKILLS

· Strong problem-solving and logical thinking skills
· Strong knowledge of Data Structures and Algorithms
· Strong in Object-Oriented Programming (OOP)
· Solved 500+ Leetcode problems, most of them being on Data Structurs and Algorithms
· Solved more than 600+ problems across platforms.
· Skilled in Frontend, Backend and Database Management System
· Intermediate level in Machine Learning

PROFILE LINKS

LeetCode   : https://leetcode.com/imrkarthikeyan
GeeksforGeeks : https://www.geeksforgeeks.org/user/imrkarthikeyan/