RAGAVENDIRAN P

📞 +91 9786668578

📍 Chennai, Tamil Nadu

Portfolio: https://ragavendiran-portfolio.lovable.app

Mail: sit22ee047@sairamtap.edu.in

SUMMARY

Enthusiastic and self-driven EEE undergraduate with a strong interest in software development, backed by hands-on experience in Java-based console applications and consistent practice in data structures and problem-solving through LeetCode and Skillrack. Completed NPTEL certifications in Computer Networks and Internet of Things (Elite+Gold), demonstrating a strong foundation in embedded systems and connectivity protocols. Actively building real-world projects and aiming to contribute to cutting-edge software innovations in embedded, networking, and multimedia domains.

EDUCATION

Sri Sai Ram Institute of Technology   B.E (EEE) CGPA: 9.18
Will be completed in 2026

SKILLS

- Java Programming   • SQL(basics)   • C Programming   • OOPS(basics)   • DSA
- HTML   • CSS

PROJECTS

- **Student Record Management System – Java (Console App)**
  Built a menu-driven application using OOP, arrays, and string operations to manage student details with search and average mark calculation features.
- **Conveyor Belt Breakdown Detector(Using ML)**
  Developed a machine learning model using Edge Impulse and ESP32-CAM to detect conveyor belt failures through real-time image analysis.

CERTIFICATIONS

- Guvi DSA using C
- Computer Networks – NPTEL (60+)
- Intro to IoT – NPTEL (90+, Gold)

ACHIEVEMENTS

- Solved **2000+** problems in Skillrack and **350+** problems in **leetcode**.
- Awarded for top performance in the NPTEL course, demonstrating a strong understanding of computer networking concepts.