

RANJITH P

Contact

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 Tiruppur

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Career Objective

To obtain a position in Electronics and Communication where I can utilize my skills in IoT, networking, and problem-solving to contribute to innovative projects.

Education

Erode Sengunthar Engineering College (Autonomous), Erode
Bachelor of Engineering in Electronics and Communication Engineering

CGPA: 7.6 (up to 5th Semester)

Duration: 2022–2026

Government Polytechnic College, Coimbatore
Diploma in Electronics and Communication Engineering
Percentage: 80%
Duration: 2020–2023

Area of Interest

- Internet of Things (IoT)
- Digital Electronics
- Networking
- Wireless Communication

Skills

- Programming Languages: Java, C, Verilog (Basic)
- Electronics: Circuit Design, PCB Design
- Tools: MS Office, Simulink, Multisim, MATLAB
- Communication Tools: Cisco Packet Tracer

Projects Carried Out

Bus Indication for Blind People (2023)

Problem: Difficulty for visually impaired individuals to identify and access buses due to the lack of accessible real-time information.

Solution: Developed an RFID and Raspberry Pi Pico-based system with integrated voice announcements to provide real-time bus and station updates.

Smart Water Management System (2024)

Problem: Traditional water management systems lack real-time monitoring and efficient water use, leading to resource wastage.

Solution: Designed an IoT-based system using sensors to monitor water levels, volume, and quality in real-time for better resource management.

Internship

Salzer Electronics Limited Unit II, Coimbatore

- Assisted in production and quality control processes.
- Supported process improvements and ensured products met quality standards.
- Duration: 1 Month (2022)

Strengths

- Photographic Memory Skills
- Problem-Solving Skills
- Time Management
- Basic Computer Networking Knowledge

Weakness

Overthinking minor mistakes

Declaration

I hereby declare that all the information provided is true and correct to the best of my knowledge.

Date:

Signature

Place: Tiruppur