RAHUL N

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Objective

Aspiring electronics and communication engineer with strong programming and embedded system skills. Eager to apply technical knowledge in a professional environment to contribute meaningfully to projects and gain real-world experience in the domain of IoT and system design.

Education

Panimalar Engineering College
Bachelor of Engineering – Electronics and Communication Engineering
Graduation Expected: June 2026   CGPA: 8.1

Ravilla K.R.A.Vidhyashram Metric Hr Sec School
Computer Science – Mathematics
Graduated: May 2022   Percentage: 72.8%

Ravilla K.R.A.Vidhyashram Metric Hr Sec School
SSLC
Graduated: May 2020   Percentage: 61%

Skills

C, Java, Python, SQL, MATLAB, Tinkercad, MS Excel

Projects

- **LPG Gas Detection Using MQ2 Sensor (Microcontroller):** Built a prototype to detect gas leakage using MQ2 sensor integrated with microcontroller for real-time alerts.

- **Forest Fire Alerting System (IoT Based):** Developed an IoT-based early-warning system to detect forest fires using environmental sensors.

- **Convenient Car Parking Slot Reservation and Payment:** Created a smart car parking system with online booking and payment integration using IoT, Embedded C, and MATLAB.

Certifications

- Microsoft Azure SQL

- NASCOM Cyber Security

- Java Programming for Beginners

Internship

Ashok Leyland – Maintenance Department
Gained hands-on experience in the maintenance of automotive components and learned practical imple- mentation of engineering concepts in the industry.

Co-Curricular Activities

- Workshop on Chip Level Testing and Debugging for Mobile Devices

- Workshop on Creating ChatGPT-Based Application using Next.js

- BE10X Workshop on Excel and AI Tools