

# RIYAN NIZAR

## B.TECH GRADUATE – ELECTRONICS & COMMUNICATION ENGINEERING

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### SUMMARY

Enthusiastic ECE graduate skilled in C, Python, Java, Embedded Systems, and SQL. Experienced in IoT projects and microcontroller programming. Eager to apply technical and problem-solving skills in both Electronics and IT-based roles.

### EDUCATION

B.Tech (ECE) – AISAT, KTU	CGPA: 6.83   JUN 2021 - APR 2025
12th – Cardinal HSS, DHSE	PERCENTAGE: 88%   JUN 2019 - MAR 2021
10th – City Central School, CBSE	PERCENTAGE: 82%   JUN 2018 - MAR 2019

### TECHNICAL SKILLS & TOOLS

- Languages: C, Embedded C, Python, Core Java, Advanced Java, HTML, CSS, JavaScript
- Databases: Oracle SQL Plus, MySQL
- Microcontrollers & Boards: Arduino UNO, 8051, PIC16F877A, ESP32, ESP32-CAM, ESP8266
- Development Tools: Arduino IDE, MPLAB X IDE, Proteus, Blynk IoT App, Ngrok
- Electronics Knowledge: Basic understanding of UART, I2C, PCB Designing, Circuit Debugging
- Other: Basic SDLC, Canva (Graphic Design)

### CERTIFICATIONS AND INTERNSHIPS

<b>QSPIDERS – Full Stack Java Development</b>	JUN 2025 – ONGOING
• Currently pursuing training in Advanced Java and Web Technologies	
<b>TECHNOLOGICS GLOBAL PVT. LTD.</b>	FEB 2025
• 5-month Post Graduate Diploma in Embedded System Design.	
• 1-month Embedded IOT with AUTOSAR.	
<b>REVERTECH IT SOLUTIONS</b>	JULY 2024
• 2-week comprehensive internship program, focusing on PCB Design, MATLAB, and IoT.	
• Served as a Graphic Design Intern.	

### PROJECTS

#### IoT-Controlled Solar Grass Cutter (AISAT Main Project)

- ESP32-CAM, Blynk IoT App, Ngrok – Remote control and real-time video streaming via IoT.

#### Smart Attendance System for College Bus (AISAT Mini Project)

- RFID + GSM-based system to mark attendance and send SMS alerts to Authorities.

#### Automated Battery Charger Sharing System (Technologies)

- PIC16F877A-based system to auto-switch charging between multiple batteries every 12 hours.

### ADDITIONAL DETAILS

- Worked as Online Invigilator (Edu Mitra) and LED Wall Assistant (AM Audio Visuals); roles involved tech support and effective communication
- Languages Known: **Malayalam, English**