

RIYAN NIZAR

B.TECH GRADUATE – ELECTRONICS & COMMUNICATION ENGINEERING

Phone: [+91-9497187758](tel:+91-9497187758) | Email: riyannizar8@gmail.com | LinkedIn: [linkedin.com/in/riyan-nizar](https://www.linkedin.com/in/riyan-nizar)

SUMMARY

Enthusiastic ECE graduate skilled in C, Python, 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, Basic Java, HTML
- 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 (Basic Graphic Design)

CERTIFICATIONS AND INTERNSHIPS

QSPIDERS – Full Stack Java Development	JUN 2025 – ONGOING
• Currently pursuing training in Core Java (Basics), Oracle SQL Plus, CSS and HTML.	

TECHNOLOGICS GLOBAL PVT. LTD.	FEB 2025
• 5-month Post Graduate Diploma in Embedded System Design.	
• 1-month Embedded IOT with AUTOSAR.	

REVERTECH IT SOLUTIONS	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 parents.
- 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**