





MOHAMED SYED JUNAITH S B

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 [Github](#)
 [LinkedIn](#)
 [Leetcode](#)
 [Portfolio](#)

CAREER OBJECTIVE

To leverage my EEE background and strong software development skills to contribute effectively in a software engineering role, while continuously learning and growing within the organization.

TECHNICAL SKILLS

Programming Languages : C, Java, JavaScript, Python
Frontend : HTML , CSS
FrameWorks : React , Spring Boot
Backend : Node.js , Express.js
Tools : Github, VS codeQ, Postman, IntelliJ IDEA, Vercel
Database : MongoDB, MySQL

PROJECTS

SMART TIMETABLE BELL SYSTEM WITH REAL-TIME UPDATES AND STAFF ALLOCATION - [Link](#)

Built an IoT-based smart school bell system using ESP32 and Node.js APIs with Wi-Fi communication, enabling real-time timetable updates, automated bell control, and automatic staff allocation from the backend database.

AI-POWERED COCONUT SORTING SYSTEM

Built a YOLOv8-based system to detect cracked vs. healthy coconuts with real-time inference optimized for edge deployment, improving sorting accuracy and reducing manual effort.

DIGITAL TOURNAMENT MANAGEMENT PLATFORM

Developed a full-stack tournament management platform using React, Node.js, and MongoDB with participant management, role-based access for admins, organizers, and players, and integrated payment processing using Razorpay with hardware-based payment gateway support.

IOT-BASED WATER QUALITY MONITORING SYSTEM

Built a smart water quality monitoring system using TDS, turbidity, and temperature sensors, integrated with ESP32 and an LCD display. The system automatically detects unsafe water, triggers a buzzer alert, and displays real-time water quality status, reducing manual monitoring effort.

EDUCATION

B.E. in Electronics & Electrical Engineering (HONS.)

Kongu Engineering College, Perundurai, Erode

- CGPA: 9.02 (up to 4th Semester)

Higher Secondary Certificate (HSC)

Periyar Centenary Memorial Matric School, 2023

- Percentage: 83.3%

Secondary School Leaving Certificate (SSLC)

Seventh Day Adventist Matric School, 2021

ACHEIVEMENTS

- Academic Excellence Award – 2025–2026
- ROV-Based Smart Inspection System – Paper Presentation, Kongu Engineering College | First Prize
- IoT-Based Automatic Speed Breaker – Project Presentation, Kongu Engineering College | Second Prize
- Coding Contest – Won a prize, organized by the department