

# Rubiga S

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## Objective

To obtain a software development role where I can leverage my foundation in Java and JavaScript, along with problem-solving experience through 70+ LeetCode and 100+ GFG challenges, to contribute to efficient and innovative solutions in a dynamic tech environment.

## Skills

**Languages:** C Python Java

**Technologies & Tools:** EC2 S3 MONGODB REACT EXPRESS DOCKER HTML CSS JAVASCRIPT

## Education

<b>Muthayammal Engineering College</b>	Nov 2022-May 2025
B.Tech Information Technology	<b>CGPA: 8.72/10</b>
<b>Girls Government Higher Secondary School</b>	Jun 2021-May 2022
Maths/Computer Science	<b>Grade: 80.66%</b>
<b>Rasi Matric Higher Secondary School</b>	Jun 2019-May 2020
	<b>Grade: 94.6%</b>

## Internship

### MERN Stack - Zealous Academy (Jul -Aug 2024)

- Built a Learning Management System using MongoDB, Express.js, React, and Node.js.
- Implemented login (OAuth), dynamic course filtering, and resource management.
- Ensured backend scalability and reliability with well-structured API design.
- Wrote unit-tested, efficient, and maintainable code as per design specs.
- Actively contributed to all development phases, from planning to deployment.

## Projects

### Smart Traffic Management System (Apr 2025)

- Developed an automated traffic system using Java and socket programming to dynamically control signals based on real-time vehicle density.
- Designed for low-latency switching and high availability, prioritizing emergency vehicles.
- Modular architecture with reusable components, supporting testable and scalable enhancements.
- **Awarded First Prize** at Spcon'25 Project Contest.

### To-Do List Web App (June 2025)

- Developed a responsive and interactive To-Do List application to manage daily tasks efficiently.
- Implemented features like add, delete, and mark as complete using vanilla JavaScript.
- Designed a clean UI using HTML & CSS, ensuring smooth user experience across devices.

## Hackathons And Certifications

### Hackathons:

1. Spcon'25 - Smart Traffic Management System (First Prize)
2. ICT Academy Hackathon – Crop Prediction System (Finalist)
3. HackIndia – Freelancing Platform for Students (Participant)
4. TNWISE – Multilevel Car Parking Management System (Participant)

### Certifications

1. NPTEL - Foundation of Cloud IoT and Edge ML – 82% (Elite + Silver)
2. NPTEL - Cloud Computing – 69% (Elite)
3. CODETANTRA - Java Programming Certificate (July 2025)