

# Rubiga S

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 [https://leetcode.com/u/Rubiga\\_S05/](https://leetcode.com/u/Rubiga_S05/) |  <https://www.geeksforgeeks.org/user/rubikase0fnz/>

## 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

**Muthayammal Engineering College**

Nov 2022-May 2025

**CGPA: 8.72/10**

B.Tech Information Technology

**Girls Government Higher Secondary School**

Jun 2021-May 2022

Maths/Computer Science

**Grade: 80.66%**

**Rasi Matric Higher Secondary School**

Jun 2019-May 2020

**Grade: 94.6%**

## 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)