

# Md Abu Zoha

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## SUMMARY

Detail-oriented Final-year B. Tech CSE student specializing in the MERN Stack and Java/DSA. Proven experience in building real-world automation tools and community-driven message board platforms. Focused on backend architecture, secure API design, and deploying responsive full-stack applications.

## TECHNICAL SKILLS

**Languages:** Java (Core & OOPs), SQL, JavaScript, Python (Basics)

**Web Technologies:** React.js, HTML5, CSS3, Tailwind, Node.js, Express.js, REST APIs

**Database & Tools:** MongoDB, MySQL, Git, GitHub, Postman

**CS Fundamentals:** DBMS, Data Structures & Algorithms (150+ problems), Object-Oriented Programming

**Soft Skills:** Teamwork, Problem Solving, Collaboration, Time Management.

## EDUCATION

**RCC Institute of Information Technology**

*Bachelor of Technology (CSE) | CGPA: 7.5 (Up to 7th Sem)*

Kolkata, West Bengal, India

*Aug 2022 – June 2026*

**Seventh Day Adventist Sr. Sec. School**

*ISC (Class XII) | Percentage: 89.5%*

*ICSE (Class X) | Percentage: 87%*

Kolkata, West Bengal, India

*2022*

*2020*

## PROJECTS

**Real-Time Message Board (OpenWall) | Node.js, Express.js, MongoDB**

- Developed a full-stack real-time message board platform where users can post, view, and manage community messages through optimized RESTful APIs.
- Implemented full CRUD functionality, allowing users to create and manage their posts while maintaining a persistent board history.
- Integrated MongoDB Atlas for secure, cloud-based storage of user profiles and board content, ensuring high availability and reliable data persistence.
- Deployed the application on Render, delivering a responsive, low-latency experience for real-time posting across mobile and desktop devices.

**Workforce Management System (Modern Builders) | MERN Stack**

- Engineered a full-stack web application to digitize attendance and work-hour logging for a 20+ member construction crew.
- Developed a secure backend using Node.js and Express.js with JWT authentication for admin and staff roles.
- Designed a mobile-first responsive frontend to allow quick daily check-ins and bulk entry for site supervisors.
- Integrated MongoDB with Mongoose for structured data modelling, ensuring efficient storage and retrieval of daily labour logs.

## CERTIFICATIONS & ACHIEVEMENTS

**Certifications:** HackerRank Technical Proficiency (Verified JavaScript Intermediate & React Basic), GenAI Workshop (Vibe Code / SETU School)

**Achievements:** Student of the Year (2021-22), 150+ DSA Problems (LeetCode, GFG), Inter-School Debate Representative (District Level)

## LANGUAGES KNOWN

**English, Hindi, Urdu**

## INTEREST & HOBBIES

**Motorbike Riding, Numismatics, Tech Exploration**