

Tareq Aziz

Full Stack Developer (MERN) | Competitive Programmer

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[Portfolio Link](#)

[LinkedIn Profile](#)

[GitHub Profile](#)

PROFESSIONAL SUMMARY Dedicated Software Engineer with strong expertise in the **MERN Stack** and a deep understanding of **Data Structures & Algorithms**. Proven problem-solving skills with a **max rating of 1608 on LeetCode** and 500+ problems solved. Experienced in building scalable web applications with secure authentication and optimized state management. Eager to contribute to a dynamic engineering team.

TECHNICAL SKILLS

- **Languages:** C++, JavaScript (ES6+), C#, TypeScript, Python, Java.
- **Frontend:** React.js, Redux, Zustand, Tailwind CSS, Daisy UI, React Hook Form.
- **Backend & DB:** Node.js, Express.js, MongoDB, JWT, REST APIs.
- **CS Fundamentals:** DSA, OOP, DBMS, System Design (LLD), SOLID Principles, Design Patterns.
- **Tools:** Git, GitHub, VS Code, Postman.

TECHNICAL PROJECTS

1. Book Club Platform (Admin & Membership System) | MERN Stack (MongoDB, Express, React, Node)

- Engineered a full-stack book management system featuring JWT-based authentication to secure user data and implement Role-Based Access Control (RBAC) for admins and members.
- Developed a comprehensive Admin Dashboard to visualize total sales and order status, enabling efficient management of inventory and user roles.
- Implemented a persistent cart workflow using Local Storage and integrated a seamless order creation API.
- Tech Stack: React.js, Node.js, MongoDB, JWT, Tailwind CSS. [\[Live Link\]](#) [\[GitHub Link\]](#)

2. E-Commerce Platform | React.js, Zustand, Tailwind CSS

- Built a highly responsive e-commerce application featuring advanced product filtering, dynamic routing, and cart management.
- Optimized application performance and minimized unnecessary re-renders by integrating Zustand for lightweight global state management.
- Designed a modern, mobile-first UI ensuring a seamless user experience across devices.
- Tech Stack: React.js, Zustand, Tailwind CSS. [\[Live Link\]](#) [\[GitHub Link\]](#)

3. AI Virtual Assistant | JavaScript, Web Speech API, Gemini AI

- Developed a voice-activated AI assistant capable of processing natural language commands.
- Integrated Google's Gemini AI API to provide intelligent, context-aware responses, simulating a JARVIS-like experience.
- Leveraged the Web Speech API for real-time speech-to-text conversion. [\[Live Link\]](#) [\[GitHub Link\]](#)

PROBLEM SOLVING & ACHIEVEMENTS

- **LeetCode:** Max Rating **1608**. Solved **560+** problems focusing on Arrays, Trees, DP, and Graphs.
- **GeeksforGeeks:** Solved **380+** problems across various difficulty levels.
- **Algorithm Expertise:** Proficient in Binary Search, Recursion, Two-Pointer, Greedy, and Dynamic Programming.

EDUCATION

- **Diploma in Computer Science & Technology** - Dhaka Institute of Technology, Dhaka | CGPA: 3.40 | (2021 - 2022) CGPA: 3.40
- **Higher Secondary Certificate (HSC)** - Business Studies Uttar Ideal College, Dhaka | GPA: 3.08 | (2019 - 2020) GPA: 3.08
- **Secondary School Certificate (SSC)**: in Business studies at Rupsa Ahmmadia High School, Comilla (2016-2017) GPA: 3.92

CERTIFICATIONS

- [Foundational C# with Microsoft](#)
- [SQL \(Basic\)](#)

LANGUAGES

- English (Professional Proficiency), Bangla (Native), German (A1 - Basic)