

Tareq Aziz

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[Portfolio](#)

• Frontend Development:

React.js, Redux, React Hook Form, Daisy UI (Tailwind CSS)

Programming Languages:

- Advanced: C++, JavaScript
- Intermediate/Basic: C#, TypeScript, Python, Java

Frameworks & Tools:

Git, GitHub, VS Code

DBMS & Backend:

Node.js, Express.js, MongoDB etc.

Data Structures & Algorithms (DSA):

Hashing, Linked List, Two-Pointer, Greedy, Recursion & Backtracking, Binary Search, Bit Manipulation, Stack & Queue, Binary Tree, Graph, Dynamic Programming, OOP, LLD, DBMS, Computer Networks (CN)

System Design:

- Low-Level Design (LLD):
 - Class & Sequence Diagrams
 - SOLID Principles
 - Design Patterns: Factory, Singleton, Observer, Strategy, Decorator, Command, Adapter, Facade, Composite, Template Method, Proxy, Chain of Responsibility, Bridge Pattern

PROJECT & RESEARCH

Book Club CRUD Platform (MERN) – Admin & Membership System

- Implemented JWT-based authentication and role-based access (admin/member).
- Admin dashboard: total sales, orders, delivered status toggle; member management (promote/demote admin).
- Cart workflow with local Storage persistence; order creation API and delivery confirmation.

[🔗Live Demo](#) [🔗Repository](#)

AI Virtual Assistant (MERN Stack)

- Developed a JARVIS-like AI assistant with voice-controlled interaction using the Web Speech API and intelligent responses via Gemini AI.

[🔗Live Demo](#) [🔗Repository](#)

E-Commerce Platform (React + Tailwind CSS + Zustand)

- Developed a fully responsive e-commerce web application with advanced product filtering, cart management, and dynamic routing. Integrated Zustand for global state management, enhancing performance and scalability.

[🔗Live Demo](#) [🔗Repository](#)

Advance Task List App (React + Zustand)

- A modern task management application built with React and Zustand for efficient global state management. Features include adding, deleting, and editing tasks.

[🔗Live Demo](#) [🔗Repository](#)

EDUCATION :

Diploma : Computer Science & Engineering at Dhaka Institute of Technology ,Dhaka

(CGPA: 3.40) 21-22

HSC : in Business studies at Uttar Ideal college ,Dhaka

(GPA: 3.08) 19-20

SSC : in Business studies at Rupsa Ahmmadie High School, Comilla

(GPA: 3.92) 16-17

ACHIEVEMENTS & PARTICIPATION

- Leetcode - 560+ Problem Solved (Max Rating: 1608) [🔗](#)
- GeeksforGeeks : 380+ Problem Solve [🔗](#)

CERTIFICATE

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

LANGUAGE :

English, Bangla, Hindi, German(A1)