


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

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.
- Implemented a secure user authentication system (JWT, bcrypt) and personalized user profiles with custom assistant images via Cloudinary.
- Deployed the full-stack, mobile-responsive application on Render.
[Live Demo](#) [Repository](#)

MERN - Full Stack Simple Project

- A simple full-stack application built with the MERN stack (MongoDB, Express, React, Node.js)
[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](#)



Web App to Desktop App (PWA)

- Created a project that demonstrates how to convert a React-based web application into a desktop-like experience using Progressive Web App (PWA) technologies.
[Live Demo](#) [Repository](#)

EDUCATION :

Diploma : Computer Science & Engineering at Dhaka Institute of Technology ,Dhaka	(CGPA: 3.56) 21-22
HSC : in Business studies at Uttar Ideal college ,Dhaka	(GPA: 3.08) 19-20
SSC : in Business studies at Rupsa Ahmmadia 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)