# Tareq Aziz

◈ /tareq159615   in tareq-aziz-022392305   ✉ tareq01829711741@gmail.com   📞 +8801829711741

🔧 **Frontend Development:**
Next.js, React.js, Redux, React Hook Form, Daisy UI (Tailwind CSS)

🖥 **Programming Languages:**
- Advanced: C++, TypeScript
- Intermediate/Basic: C, C#, JavaScript, Python, Java

💼 **Frameworks & Tools:**
Git, GitHub, VS Code

📑 **DBMS & Backend:**
Node.js, Express.js, MongoDB

🧠 **Data Structures & Algorithms (DSA):**
Arrays, 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

🛒 **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 Site

📚 **Recipe Book (React + Zustand)**
Built a modern recipe book application with dynamic ingredient filtering, bookmarking, and responsive UI. Demonstrated strong skills in React state handling and UI design.
🔗 Live Project

🎮 **Simon Game (JavaScript + CSS)**
Designed a classic memory game using vanilla JavaScript to reinforce logic-building skills and DOM manipulation.
🔗 Play Now

🌐 **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**

🛍 **Basic E-Commerce (HTML + CSS)**
Developed a clean, modern static e-commerce website focused on UI/UX principles.
🔗 Preview Site

🔧 **Low-Level Design (LLD) Projects – GitHub**
Implemented multiple LLD design patterns (Factory, Singleton, Observer, etc.) with clean code structure and SOLID principles.
🔗 LLD GitHub Repository

## EDUCATION :

Diploma in Computer Science & Engineering at Dhaka Institute of Technology ,Dhaka (CGPA: 3.56) 21-22

## ACHIEVEMENTS & PARTICIPATION

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

## CERTIFICATE

- Foundational C# with Microsoft
- SQL (Basic)