

Mohammad Woafi

woafisun@yahoo.com | (+88) 01315939768



SUMMARY

Computer Science and Engineering student with hands-on experience in full-stack development. Proficient in modern web technologies and passionate about building scalable applications, I am seeking a challenging role where I can contribute to impactful projects and continue learning cutting-edge technologies.

SKILLS

- ❖ **Languages:** JavaScript, TypeScript
- ❖ **Frameworks/Libraries:** React, Next.js, Node.js, Express.js, Tailwind CSS
- ❖ **Databases:** MongoDB, PostgreSQL
- ❖ **Tools:** Git & GitHub, Vercel, Postman, VS Code, Render, Docker, CI/CD
- ❖ **Concept:** Data Structures & Algorithms, REST APIs, Authentication & Authorization, State Management

PROJECTS

- **Tech Gadget** Github
 - Developed a production-ready full-stack e-commerce platform using **TypeScript**, **React**, **Express.js**, and **PostgreSQL** with scalable, real-world architecture
 - Built a modern, responsive UI with **React**, **Tailwind CSS**, **dark mode**, and **Framer Motion**, supporting advanced product search, filtering, and detailed product pages
 - Implemented secure **authentication** using **JWT**, **bcrypt** password hashing, and Google OAuth 2.0 for social login
 - Designed complete e-commerce workflows including cart, wishlist, checkout, order history, and order tracking with persistent state management
 - Integrated **SSLCommerz** payment gateway and transactional email system using **Nodemailer** for orders and account actions
 - Designed **RESTful APIs** with **Express.js**, **Prisma ORM**, **PostgreSQL**, robust validation, centralized error handling, and deployed frontend and backend on **Vercel**

- **Mychat** Github
 - Built using **React**, **Tailwind CSS**, **Express.js**, **Node.js**, **RESTful APIs**, and **MongoDB**
 - **JWT authentication** using cookies with **Express Validator** and **React Hook Form** validation
 - Real-time messaging using **Socket.IO** with support for attachments
 - Added an in-app **notification** system to alert users about new messages
 - Profile management with **Cloudinary** image uploads
 - **Role-based** access control with **admin-only** user deletion capabilities
 - **Searchable** conversation list with delete functionality for creators/participants
 - Responsive UI with **Light/Dark** mode toggle
 - Forgot password functionality implemented via **Nodemailer**
 - Deployment: Frontend (React/Vite) on **Render**, **API on Render**, database on **MongoDB Atlas**

- **SecureNest** Github
 - Built a full-stack password manager using **TypeScript**, **React**, **Express.js**, and **PostgreSQL** with a strong focus on security and scalability
 - Implemented **AES-256-GCM** encryption with unique IVs per record to securely store sensitive credentials
 - Developed secure authentication and authorization using **Firebase Authentication** and JWT-based route protection
 - Designed **RESTful APIs** with **Express.js** and **Prisma ORM**, supporting full **CRUD** operations and **database** migrations
 - Created a modern, responsive dark-mode UI using **Tailwind CSS**, **Framer Motion**, and **React Router**
 - Deployed both frontend and backend on **Vercel** with environment-based configuration and production-ready builds

EDUCATION

- ❖ Bangladesh Institute of Science and Technology, affiliated with the National University, Bangladesh | Computer Science and Engineering
CGPA: 3.2 (Expected Graduation: 2026)

ACHIEVEMENTS

- Participated in a programming contest organized by The BIST Intra-Department Contest, showcasing teamwork and coding under pressure
- Built and deployed multiple full-stack applications
- Actively learning Data Structures and Algorithms to demonstrate strong problem-solving skills and algorithmic thinking