

TAWABUR RAHMAN SAKIB

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 1+ years of experience delivering production-grade MERN/Next.js apps for real clients. Skilled in TypeScript, Express, Redis, Socket.io, and containerized deployments, with a focus on end-to-end feature ownership, security, and high performance.

TECHNICAL SKILLS

Frontend & UI: Next.js (App Router), React.js, TypeScript, Redux Toolkit, Tailwind CSS, Shadcn/ui

Backend & Systems: Node.js, Express.js, Socket.io, RESTful APIs, Zod, MVC Architecture

Databases & DevOps: MongoDB, Redis Caching, MySQL, Docker, Git & GitHub

Security & Utilities: JWT Auth, HTTP-only Cookies, Bcrypt, Resend OTP API, Cloudinary

Experience: 1+ years building production apps for real clients in agile team environments

WEB DEVELOPMENT PROJECTS

TruthSkyPost — LIVE PRODUCTION 2026

- **Technologies Used:** Next.js (App Router), React, TypeScript, Redux Toolkit, Node.js, Express.js, MongoDB, Redis, Socket.io, Docker, Bcrypt, Zod, Shadcn/ui, Tailwind CSS, Resend OTP API
- **Live Platform & Access:** Deployed full-stack platform (truthskypost.com) featuring downloadable Android APK and installable PWA for mobile users.
- **Feed Ranking & Personalization:** Built custom multi-metric algorithms to rank posts by engagement (likes/comments), recency decay, tag matching, and user preference algorithms for dynamic feeds.
- **Real-Time Messaging & Live Presence:** High-throughput Socket.io architecture enabling instant 1-on-1 direct messaging, live alerts, and real-time active user counting.
- **Performance, Caching & Load:** Next.js persistent layouts (0 CLS, 0.4s FCP) with Redis caching (70%+ DB load reduction) and cursor pagination (~9 KB payloads).
- **Enterprise Security & Live:** Hardened auth flow using HTTP-only SameSite JWT cookies, Bcrypt hashing, Resend-backed OTPs, and CSRF/XSS protection. **Live:** truthskypost.com

MERN Base Hotel Visita 2025

- **Technologies Used:** Node.js, Express.js, MongoDB, Passport.js, Cloudinary, Bcrypt (Salting)
- **Core Architecture:** Built MVC-based clean code with Passport.js session auth and salted password hashing.
- **Media Management:** Integrated Cloudinary for off-server image uploads and smooth CRUD operations.
- **Links:** **Live:** [HotelVista](#) | **GitHub:** [HotelVista](#)

Food Delivery App2025

- **Technologies Used:** React.js, React Hooks, React Router, JavaScript (ES6+), CSS3
- **Tech & Features:** Built a multi-page React app using Hooks and Router with client-side state management for instant cart and filter updates.
- **Links :** **Live:** [FoodDeliveryApp](#) | **GitHub:** [FoodDeliveryApp](#)

EDUCATION

B.Sc. in Computer Science & Engineering

Green University of Bangladesh · 2022–2027

Coursework: Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Systems, Discrete Mathematics

ACHIEVEMENTS

Web Development Certification — [Delta Batch 3.0](#), Apna College