

Shahriar Haque

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Mugda, Dhaka, Bangladesh

OBJECTIVE

I am a Software Developer with 2 year of experience building reliable and efficient solutions. Experienced in both collaborative and independent environments, including remote work. Focused on writing maintainable code and optimizing performance. Looking forward to contributing to a team and growing further more.

SKILLS

- **Programming Languages:** C++, Javascript, Python
- **Web Technologies:** Typescript, Javascript, React.js, Node JS, Socket.IO, Redux, RESTful APIs
- **Database Systems:** MongoDB, MySQL
- **Version Control:** Git, GitHub
- **Tools & Technologies:** VS Code, Postman, Figma
- **Familiar Concepts:** .NET, OOP, SOLID Principles

EXPERIENCE

- **TMMA** December 2025 - April 2026
Full Stack Developer Italy
 - Designed and developed a **custom internal customer panel** tailored to specific business and reseller operational needs.
 - Built **MessageMind**, an **AI-driven business intelligence platform** – engineered a resilient multi-stage website crawler (sitemap discovery, Puppeteer fallback, proxy rotation, concurrent pipeline) feeding structured data into a fine-tuned OpenAI model for automated business profile generation.
 - Built **backend logic** and integrated a **SQL database** to manage clients, reseller accounts and orders.
 - Implemented **custom authentication** and **role-based access control** for administrators and users.
 - Structured and normalized **database schema** to ensure accurate tracking of orders.
 - Simultaneously managed **administrative responsibilities**, including supplier coordination.
- **OmegaSoftBD** July 2024 - July 2025
Software Developer Dhaka, Bangladesh
 - Designed and developed **scalable web applications** using modern frontend and backend technologies.
 - Built and maintained **RESTful APIs** and integrated **third-party services** to support dynamic application functionality.
 - Implemented **responsive UI components** and improved **user experience** using clean, maintainable code practices.
 - Optimized **database queries** and application performance through efficient data modeling and system improvements.
 - Identified and resolved **bugs**, ensuring **application stability** and reliability in production environments.
 - Participated in **code reviews**, followed **clean architecture principles**, used **Git**, and collaborated across teams to translate business requirements into technical solutions.

PROJECTS

- **Pixel Academia** Live
Technologies: [Next.js, .NET, MongoDB]
 - Built a **full-stack education platform** using **Next.js** on the frontend and **ASP.NET Core (.NET)** on the backend, delivering a responsive and role-based experience for students and administrators.
 - Designed and developed **RESTful APIs** and backend business logic in **.NET** for authentication, course/batch management, enrollments, and a scoped notification system with **JWT authentication, role-based authorization, and soft-delete/archive** support.
 - Developed **dynamic Next.js modules** including admin dashboards, a rich-text announcement system with targeted delivery, an in-app notification center, and a streamlined registration flow with **auto-login after email verification**.
 - Designed and integrated **MongoDB-backed features** for efficient data management and reliable persistence across batches, enrollments, announcements, and notifications.

- Implemented a **bilingual (English/Bangla)** interface with localized content and polished motion effects, enhancing user experience and seamless client-server interaction.
- Collaborated across the full stack to improve **performance, maintainability, and system reliability** in a production-ready and deployable environment.

• MessageMind

Technologies: [Node.js, Puppeteer, OpenAI API, Proxy Integration, Concurrency Control]

Live

- Engineered a **resilient website intelligence module** that extracts structured business data from user-submitted websites for **AI-driven profile personalization**.
- Designed and implemented a **multi-stage website discovery and crawling pipeline** with sitemap retrieval, **Puppeteer-assisted extraction**, and depth-limited fallback crawling.
- Built a **concurrent crawling system** using controlled parallelism and queue-based traversal with intelligent fallback strategies to improve reliability and bypass **anti-bot protections**.
- Parsed and normalized web content using **Cheerio**, optimized URL filtering and deduplication, and structured extracted data for **AI-powered business profile generation**.

• TMMA

Technologies: [Next Js, Node Js, SQL]

Live

- Designed and developed a **custom customer portal** enabling clients to track order progress in real time with structured **status updates** from administrators.
- Built **role-based access control** for customers and administrators with **secure custom email-based authentication**.
- Designed **SQL database schema** to manage users, orders, consultation bookings, and status history.
- Integrated **Amelia Booking system** to allow customers to schedule, reschedule, and cancel consultation sessions directly from the dashboard.
- Automated **order visibility workflows**, replacing manual spreadsheet tracking and improving **operational transparency**.

• FinQube

Technologies: [Next JS, Nest JS, Redux, MongoDB, MySQL, Tailwind CSS]

Live

- Contributed to the development of **FinQube Cloud**, a scalable **microservices-based web platform** for managing properties, assets, rentals, and SME operations.
- Built features for **asset tracking, rent collection, investment scheme management, and ERP reporting** with multi-branch and multi-sector support.
- Designed and implemented a **multilingual landing page** to improve global accessibility and user engagement.
- Worked full-stack using **Next.js (frontend)** and **NestJS (backend)**, handling both client- and server-side development.
- Managed data using **MySQL and MongoDB**, applying advanced **software engineering principles** in real-world projects.
- Helped build **modular service-based architecture, scalable APIs, and responsive user interfaces**.
- Mentored two intern groups, providing guidance on **project planning, development best practices, and team collaboration**.

EDUCATION

• East West University

Bachelor's in Computer Science And Engineering

Dhaka, Bangladesh

2020 – 2025

- CGPA: 3.52/4.00

ADDITIONAL INFORMATION

Languages: English, Bangla [Native Language]

Interests: AI Based Development, Web-3 Architecture, Real-Time Applications, Backend Architecture.

REFERENCES

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