

SAYHAN AHMED

MERN Stack Developer

Dhaka, Bangladesh | (+880)1919631331 | sayhanahmed1@gmail.com

<https://sayhan-portfolio.vercel.app> | <https://github.com/sayhan-ahmed> | <https://www.linkedin.com/in/sayhan-ahmed>

CAREER OBJECTIVE

Aspiring MERN Stack Developer with a portfolio of robust full-stack applications, featuring secure authentication, RESTful APIs, and dynamic data management with MongoDB. Eager to join a growth-focused engineering team to contribute to production features and deliver measurable value within the first year.

PROJECTS

Vein – Full Stack Blood Donation Platform

[Live Site](#) | [GitHub \(Client\)](#) | [GitHub \(Server\)](#)

A real-time healthcare platform connecting blood donors with recipients through intelligent matching, secure request management and verified donor networks.

- Advanced donor search with geolocation-based filtering, blood type matching, and availability tracking.
- Role-based dashboards with analytics, charts, donation history, and user management capabilities.
- Secure payment gateway for monetary donations with transaction tracking and contribution history.
- Optimized performance with lazy loading, code splitting, & responsive design achieving 95+ Lighthouse score.

Tech: React, TanStack Query, Tailwind CSS, Firebase Auth, Node.js, Express.js, MongoDB, Stripe, Vercel

Crafty – Full Stack Artisan Marketplace

[Live Site](#) | [GitHub \(Client\)](#) | [GitHub \(Server\)](#)

A secure, scalable artisan marketplace built with a modern full-stack architecture and protected user workflows.

- Enterprise-grade authentication with Firebase and middleware-secured dashboard access
- Server-rendered product catalog with real-time filtering and full-text search for fast, intelligent discovery.
- Secure order lifecycle with CRUD operations delivered through an Express API backed by MongoDB.

Tech: Next.js, Tailwind CSS, Firebase Auth, Node.js, Express.js, MongoDB, Vercel

BillEase – Skip the Line, Pay Online

[Live Site](#) | [GitHub \(Client\)](#) | [GitHub \(Server\)](#)

A full-stack streamlined digital platform for transparent utility bill management and hassle-free monthly payments. Designed to deliver clarity, control, and a smooth billing experience.

- Secure Authentication & Protected Routes using Firebase with persistent login
- Dynamic Bill Management & Payments including filtering, CRUD controls, and monthly validation
- Automated PDF Reporting System for exporting paid bills and summaries

Tech: React, Node.js, Express, MongoDB, Tailwind CSS, React Router, Firebase

SKILLS

Programming Languages: JavaScript, C, C++, Python, PHP

Frameworks and Libraries: Next.js, React.js, Node.js, Express.js, Tailwind CSS, React Router, Vite

Databases and Backend Tools: MongoDB, MySQL, Firebase Authentication, RESTful APIs, JWT

Developer Tools: Git, GitHub, npm, Visual Studio Code

Deployment and Hosting: Vercel, Netlify, Surge, Firebase

Design Tools: Figma, Adobe Photoshop, Canva, Adobe Lightroom

Soft Skills: Leadership, Teamwork, Communication, Problem Solving, Networking

EDUCATION

B.A. (Honours), Information Science and Library Management

Jan 2020 – Oct 2024

University of Dhaka

- **Coursework includes:** Programming Fundamentals (PHP, Python), Database Design & Relational Modeling (MySQL), Algorithms & Boolean Logic, ICT Systems, System Analysis & Design, Information Architecture, and Data Organization Principles.

LANGUAGES

Bengali (Native), English (C1 – Advanced)