

Md Abu Hujaifa

Full-Stack Developer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

I help companies build secure, scalable, and high-performing web applications. With experience across both frontend and backend technologies, I streamline development workflows, reduce technical debt, and deliver reliable solutions aligned with business goals, making me a strong contributor to any tech team.

Skills

- **Programming Languages:** JavaScript, Python, Java, PHP, R, C#, C++, C.
- **Frontend:** React.js, Next.js, TypeScript, Redux Toolkit, RTK Query, TanStack Query, shadcn/ui, Tailwind CSS, Bootstrap, Daisy UI, HTML, CSS.
- **Backend:** Express.js, Nest.js, Node.js, .NET, Socket.IO, Redis, Firebase, Mongoose, Prisma, MongoDB, PostgreSQL, MySQL.
- **Tools:** Git, GitHub, Postman, Vercel, Netlify, Figma.

Projects

RideBook - Ride Booking Platform

[Live](#) | [GitHub - Client](#) | [GitHub - Server](#)

A ride booking platform with real-time tracking, intelligent driver matching, and automated business logic.

Technologies: React.js, TypeScript, Redux Toolkit, Socket.IO, Leaflet, Tailwind CSS, shadcn/ui, Express.js, MongoDB, Mongoose, Agenda, Passport.js, JWT, Recharts.

- Real-time bidirectional communication via Socket.IO for live driver location tracking, ride status updates, and instant notifications with automatic reconnection and timeout handling.
- Interactive mapping system using Leaflet with OpenStreetMap integration, featuring geocoding via Nominatim API, MongoDB geospatial queries (2dsphere indexing) for intelligent driver matching within 5km radius using Haversine formula.
- Role-based dashboards (Rider/Driver/Admin) with comprehensive analytics using Recharts, dynamic surge pricing (demand + time-based), automated job scheduling with Agenda for ride cancellation policy enforcement, and driver earnings tracking with peak hours analysis

Red Love - Blood Donation Management System

[Live](#) | [GitHub - Client](#) | [GitHub - Server](#)

A full-stack platform for managing and streamlining blood donation services with secure, role-based access.

Technologies: React.js, Tailwind CSS, DaisyUI, Express.js, Firebase, MongoDB, Axios, TanStack Query, JWT

- Role-based authentication and authorization for admin, donor, and volunteer.
- Donation request creation, status tracking, admin/volunteer moderation, and blog management.
- Stripe integration for donations, with search, filters, and pagination for scalable user data handling.

Hi Tutor - Online Language Tutor Booking System

[Live](#) | [GitHub - Client](#) | [GitHub - Server](#)

A tutor booking platform where authenticated users can search and book tutors by language. Tutors manage listings while the platform handles authentication and secure access via role-based permissions.

Technologies: React.js, Tailwind CSS, DaisyUI, Express.js, Firebase, MongoDB, Axios, TanStack Query, JWT

- Implemented secure Firebase and JWT authentication with protected routes.
- Developed tutor listing with CRUD operations, categorized by language, pagination, and search.
- Built a booking system for users to book tutors and track popularity via automated review counter.

Education

Bachelor of Science in Computer Science and Engineering

2021-2025

American International University-Bangladesh, Dhaka, Bangladesh.

- **CGPA:** 3.97
- Candidate for Summa Cum Laude (Gold Medal).
- Achieved Dean's List recognition for academic excellence in five semesters.
- Awarded a prestigious academic scholarship throughout university life.

Professional Development & Certifications

- Next Level Web Development, Programming Hero
- Complete Web Development, Programming Hero

2025

2025

Languages

English: Fluent Bengali: Native Hindi: Conversational