

NUSRAT JAHAN

FULL STACK DEVELOPER

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

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CAREER OBJECTIVE:

Passionate Full Stack Developer with hands-on experience in modern web technologies, aiming to build scalable applications, contribute to both frontend and backend development, and grow within a collaborative engineering environment.

SKILLS:

Programming Language: C, C++, JavaScript, TypeScript, Python.

Frontend: HTML, CSS, Bootstrap, jQuery, React, React Router, Next.js, Tailwind CSS, ShadCN UI, Material UI, Framer Motion.

State Management: Context API, Redux, Zustand.

Backend: Node.js, Express, REST APIs, Redis, JWT, Passport.js, Firebase.

Databases & Query Languages: SQL, Oracle, MySQL, MongoDB, PostgreSQL.

Deployment: Vercel, Netlify, Render.

UI/UX: Responsive Design, Reusable Component Based Architecture, Performance Optimization.

AI/ML: NumPy, Pandas, Scikit-learn, Data Preprocessing, Basic Machine Learning, Model Training.

Tools: Git, Github, Axios, Figma, Adobe Photoshop, Postman.

Soft Skills: Problem-Solving, Time Management, Team Collaboration.

PROJECTS

GuideTravion (Travel Management System)

[view live](#) | [client side](#) | [server side](#)

A scalable and secure tour booking and management web application designed to connect travelers with verified local guides and curated tour experience across Bangladesh.

- RBAC authentication system for secure access control (Admin, Guide, Tourist).
- Built an advanced tour discovery system with filtering, sorting, and search capabilities to enhance user experience.
- Built real-time booking system with availability checks, date conflict handling, and seat validation.
- Integrated secure payment & booking lifecycle management with SSLCommerz.
- **Technologies:** Next.js (App Router), React, TypeScript, Tailwind CSS, Shadcn UI, Framer-motion, Node.js, Express.js, MongoDB with Mongoose, JWT, Zod, REST API, SSLCommerz, Role-Based Access Control (RBAC).

ParcelRunner (Delivery Management System)

[view live](#) | [client side](#) | [server side](#)

A MERN-based parcel management web application that provides an efficient parcel management and tracking system.

- RBAC authentication system for secure access control (admin, agent, sender, receiver).
- Developed OTP-based verification system for enhanced security.
- Built parcel tracking & management system with real-time status updates and role-specific operations.
- **Technologies:** React, React Router, AXIOS, Redux RTK Query, TypeScript, Node.js, Express.js, MongoDB with Mongoose, JWT, Zod, Nodemailer, Redis (for OTP).

Education:

B.Sc in Computer Science and Engineering

2019 – 2023

Hamdard University Bangladesh