# Meraj Hossain

## Full Stack Developer

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## Professional Profile

Passionate Full Stack Developer with over 1.5 years' experience delivering scalable, responsive web applications. Expertise in React, Next.js, Node.js, and MongoDB with a solid foundation in building efficient and user-centric solutions. Proven track record of optimizing application performance, improving user engagement, and significantly reducing load times. Strong competitive programming background (CodeChef 2-star) showcasing problem-solving and algorithmic thinking skills. Adept at collaborating with cross-functional teams and delivering projects on tight deadlines with a focus on quality.

## Professional Experience

**ATI Limited**                                                                                                      May 2024 – Present
*Junior Front-End Developer*                                                                                      Dhaka, Bangladesh

- Developed 10+ responsive interfaces using `React` and `Next.js` with `TypeScript`, achieving excellent performance metrics.
- Collaborated with UX/UI designers to implement pixel-perfect designs from `Figma`, enhancing user satisfaction.
- Reduced API response times through efficient data-fetching and caching strategies.
- Led code reviews and optimized front-end build pipeline, accelerating deployment processes.

**SID Tech**                                                                                                          Jan 2024 – April 2024
*Front-End Developer (Remote)*                                                                                        Lahore, Pakistan

- Developed a POS system with strong daily active user engagement, supporting real-time updates and offline functionality.
- Created reusable component library improving development efficiency.
- Implemented automated testing frameworks, resulting in significantly fewer UI bugs.
- Collaborated with backend developers to design robust RESTful APIs.

## Key Projects

**Drug International Ltd**                                                          `Next.js, TailwindCSS, TypeScript`
*Corporate Website*                                                                                                  🔗 Live Demo

- Developed a multilingual, mobile-first website with excellent mobile compatibility.
- Applied SEO best practices, driving strong organic traffic growth.
- Optimized images and lazy loading, improving page load speed substantially.

**Her Power**                                                  `Next.js, TypeScript, Redux Toolkit, TailwindCSS, ShadCN`
*Front-End Developer & API Integration, Security*                                                                    🔗 Live Demo

- Developed a comprehensive government platform supporting e-commerce for buying/selling products, online course completion, and event organization.
- Implemented secure API integration ensuring data privacy and smooth communication between front-end and back-end systems.
- Enhanced UI/UX for diverse user activities including product marketplace, educational modules, and event management.
- Worked on robust security features on the client side to safeguard user data and transaction integrity.

### My Kitchen                                    `Next.js, TypeScript, TailwindCSS, ShadCN`
*Portfolio & Product Showcase Website*                                                □ Live Demo

- Developed an attractive and responsive portfolio website showcasing My Kitchen's products.
- Implemented a clean UI with smooth navigation and product filtering features.
- Ensured fast load times and optimized images for better user experience.

### ATI Limited                                    `Node.js, Express, MongoDB, RESTful APIs`
*Backend Developer & API Integration*                                                □ Live Demo

- Developed a secure login system with role-based access control for the company website.
- Implemented job circular management allowing admin to post job openings and review applications.
- Built CV submission and management system enabling candidates to apply and admins to track, review, and mark applications.
- Managed contact system and other administrative backend modules ensuring smooth operation.
- Focused on backend security and data integrity across all APIs.

### EMR - Hospital Management System                          `Next.js, Node.js, MongoDB`
*Healthcare Solution*                                          Deployed in UMCH & KEPZ Hospitals

- Led the development team to deliver a complete EMR system for UMCH within a short timeline.
- Designed a patient record system handling thousands of daily entries with role-based access control.
- Customized workflows for different hospital requirements, improving administrative efficiency.

### Ferdousis Henna Art                                                      `MERN Stack`
*E-commerce Platform*                                                                □ Live Demo

- Built a secure full-stack e-commerce platform handling numerous monthly orders.
- Integrated payment gateway with reliable transaction success.
- Developed an admin dashboard with analytics to track sales and inventory.

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## Technical Skills

| Frontend | Backend | Programming | Tools |
|---|---|---|---|
| React, Next.js | Node.js, Express | JavaScript, TypeScript | Git, GitHub |
| Redux Toolkit | Nest.js, RESTful APIs | Python | Swagger |
| TailwindCSS | MongoDB, PostgreSQL | C, C++ | Postman |
| Framer Motion | Prisma | Java | Figma |
| ShadCN | WebSockets | SQL | Vercel |

## Education

**Northern University Bangladesh**                          2021 – 2025

*B.Sc in Computer Science and Engineering*                **GPA: 3.54 / 4.0**

- Relevant Coursework: Data Structures, Algorithms, Web Development.
- Active member of NUBCC Programming Club and Sports Secretary.

## Achievements & Certifications

- Completed Programiming Hero Level One
- **2nd Place**, NUBCC Programming Contest Season 2 (2023).
- **2-star** rating on CodeChef (1404 rating, 312 problems solved).
- Responsive Web Design - ✴ freeCodeCamp.
- Frontend Developer (React) - ✴ HackerRank.
- SQL (Basic) - ✴ HackerRank.

## Leadership & Involvement

- **Sports Secretary**, NUBCC (2023) — Organized tech events for 200+ students.
- **C Programming Instructor**, NUBCC (2023) — Taught core programming concepts to 50+ students.
- **President**, KS Club (2021–2022) — Led a team of 15 executive members.
- Competed in ICPC Dhaka Regional Contest (2021), ranked in top quarter.