MD EMRAN |(880) 1838-235450; mdemran.swe@gmail.com |[Linkedin](#)|[Github](#)|[Portfolio](#)|

Mohammadpur, Dhaka, Bangladesh-1212

"Full Stack Developer"

Career Objective

As a Full Stack Developer with extensive experience in software integration and client-facing roles, I am adept at spearheading end-to-end web development projects with a focus on modern frameworks and languages. My strength lies in bridging the gap between complex technical requirements and strategic business solutions, ensuring seamless implementation and high client satisfaction. I am eager to apply my technical leadership, organizational acumen, and collaborative expertise to a dynamic role that values innovative solutions and a customer-centric approach to software development.

Skills and Technologies

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Libraries: Next.js, React.js, Node.js, Express.js, Redux, Ant Design, TailwindCSS, Bootstrap, Mui

Technology: Node.js, Express.js, MongoDB, PostgreSQL, Mongoose, Prisma

APIs & Protocols: RESTful APIs, Axios, JSON Web Tokens (JWT), Zod validation.

Tools: Git, Jira, Trello, Figma, VS Code, Yarn, NPM, CPanel, Docker, AWS, Digital Ocean, Heroku, Google Cloud Platform, Stripe, Firebase, Postman, Vitest, RTL

Interpersonal Skills

Quick learner, Flexibility, Management, Effective Communication, Client-focused Approach, Time Management, Requirement Analysis

EXPERIENCE

Fiverr

Full stack web developer (Rate: 5 out of 5)   **Jan 2023 – Present**

- Able to develop client figma files to pixel-perfect complete web applications. Maintaining existing applications and adding new features as per client requirements. Fixing issues with existing projects and working with various web development tools, including React, Node, and WordPress applications.

Crusherslab Technologies Ltd   **Aug 2022– Dec 2022**

Web Developer

- Efficiently mastered and applied new technologies in full-stack roles, enhancing collaboration with QA to elevate web app quality. Designed and implemented user-centric interfaces and backend processes, optimizing performance and user experience. Committed to continuous learning and staying ahead of tech trends.

PROJECTS

Stay Solution BD   **Oct 2023**

Full-stack Development   [[Live](#)] [[Github](#)] [[Documentation](#)]

- Developed "Stay Solution BD," a scalable platform for home rental and sales, enhancing user experience across multiple roles.
- Implemented a diverse property listing system, enabling owners to showcase properties for rent or sale.
- Automated flat booking confirmations, updates, and easy monthly payment, resulting in a 50% reduction in customer inquiries and a 20% increase in customer satisfaction.
- Designed custom dashboards for varied user roles, optimizing rental operations and transaction management.Innovated rental preference analytics and price optimization, contributing to market efficiency.
- Established a two-way issue reporting and communication channel, improving tenant-owner interactions.
- Achieved a 45% reduction in renter decision time and a 37% increase in user satisfaction.
- Implemented a secure signup and login process using JWT to protect user accounts and maintain privacy.

- Developed a full-stack application with **Next.js, TypeScript, Redux, Ant Design, and React Hook form, YUP** for the front end; **Node.js, Express for the back end**; and **Prisma ORM, PostgreSQL** for **database** management, with **JWT** for authentication and **Zod** for schema validation and vercel for deployment.

AmadershopBD, Nodejs Development   **May 2023**
Backend Development   [Github]
- Implemented a robust schema design using Model-View-Controller (MVC) software architecture for efficient code organization and scalability.
- Enabled users to purchase products by brand, category, stock, and store, providing an enhanced user shopping experience.
- Designed and developed the backend platform using **Node.js, Express.js, MongoDB, Mongoose, JWT, and Nodemailer.**

EM Gimbal Manufacturer, Full-Stack Development   **Sep 2022**
Full-stack website   [Live] [Github] [Documentation]
- Developed a seamless purchasing system allowing customers to easily manage orders and view delivery status, resulting in increased customer satisfaction.
- Implemented a secure payment system using Stripe and automated email notifications to provide a streamlined checkout experience for customers.
- Built an efficient admin panel to update delivery statuses, manage inventory, and gather customer feedback, resulting in improved business operations.
- Leveraged **React.js, Node.js, MongoDB, Firebase, Heroku, Stripe, and nodemailer to deliver a high-quality, modern web application**.
  See more projects on GitHub.

EDUCATION
Daffodil International University (Dhaka, Bangladesh)
Bachelor Of Science in Software Engineering   **Graduate: Spring 2022**
Major: Data Science

Thesis (Final Semester)

Customer Behavioral Segmentation using RFM analysis: A Machine Learning Approach: "Customer Behavioral Segmentation using RFM analysis" research will be data-driven. The research aimed to explore the use of customer behavioral segmentation to identify the most valuable customers and develop strategies to retain them. The research provides valuable insights for businesses seeking to improve their customer relationship management and boost their sales through effective segmentation and targeting of their customers. Applied Model: K-Mean Algorithm, RFM.

Certifications
Next Level Web Development, Programming Hero   **Oct 2023**
Data Analysis With Python, Datacamp   **Mar 2022**
Complete Web Development, Programming Hero   **Jun 2021**
200-Hour Full Stack Development Training, LEDP   **Dec 2020**
Introduction to HTML5, Coursera   **Mar 2020**