Md Emran
Full-stack Developer

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CAREER OBJECTIVE

I specialize in leading web development projects, focusing on modern frameworks and languages. Experienced in software integration and client interactions. 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 insight, and collaborative expertise to a dynamic role that values innovative solutions and a customer-centric approach to software development.

ACADEMIC CREDENTIALS

Jan 2018 - Apr 2022	**Bachelor of Science (B.Sc.)** Department of Software Engineering **(Major Data Science)**	**CGPA: 3.50/4.00** **75%** score | Total credit hours: **145**
	Daffodil International University, Dhaka, Bangladesh	

- **Major courses:** Data Structure and Algorithms, Software development Life Cycle(SDLC), Object Oriented Programming, Web application development, Software architecture, Project management

PROFESSIONAL EXPERIENCE

May 2023-
Nov 2023

DevLab Solution Ltd
Full stack web developer (Remote)
- Collaborated cross-functionally with design and backend teams to develop in-house web products.
- Contributed to the creation of user-friendly, visually appealing dynamic products in collaboration with experienced developers.
- Developed dynamic UI by crafting reusable components to enhance modularity and efficiency.
- Managed the creation and maintenance of front-end code for production websites, including redesign, updates, and ongoing production tasks.
- Recognized and implemented dynamic web solutions in alignment with company standards.

Jan 2023 –
Present

Fiverr
Full stack web developer (Rate: 5 out of 5)
- Design and develop client Figma files to pixel-perfect complete web applications. Maintaining existing applications and adding new features as per client requirements.
- Debugging issues with existing projects and working with various web development tools, including React, Node, and WordPress applications.

Aug 2022 -
Dec 2022

Crusherslab Technologies Ltd
Jr. Web Developer – Internship
- Developed a responsive website from a Figma file.
- Implemented CRUD operations to manipulate data and API integration within the web application.
- Strategies and test plans with proper documentation and designing creative front-end and collaboration with teams.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript
Libraries	Next.js, React.js, Node.js, Express.js, Redux, Ant Design, TailwindCSS, Bootstrap, Mui, Sass
Technology	Node.js, Express.js, MongoDB, PostgreSQL, Mongoose, Prisma
APIs and Protocols	RESTful APIs, Axios, JSON Web Tokens (JWT), Zod Validation
Tools	Git, Jira, Trello, Figma, VS Code, Yarn, NPM, CPanel, Docker, 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

| Oct 2023 | **Stay Solution BD** (End-to-End Rental Solution) | [Live] [GitHub] [Documentation] |

Full-stack Development
- Developed 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.
- 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.

Tech Stack: Next.js, TypeScript, Redux, Ant Design, React Hook Form, YUP, Node.js, Express, Prisma ORM, PostgreSQL, JWT, Zod, Vercel, etc.

| May 2023 | **AmadershopBD** (E-commerce backend) | [GitHub] |

Backend Development
- 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.

Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT, and Nodemailer.

| Dec -2022 | **EM Gimbal Manufacturer**(End-to-End Manufacturing Web App) | [Live] [GitHub] [Documentation] |

Full-Stack Development
- 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.

Tech Stack: React.js, Node.js, MongoDB, Firebase, Heroku, Stripe, and nodemailer to deliver a high-quality, modern web application.

See more projects on GitHub.

PERSONAL DEVELOPMENT

Nov 2023	**Apollo 2.0 Web Development (1000+ hours),** Instructed by: Programming Hero	credential
Mar 2022	**Data Analysis with Python (100 hours)** Instructed by: DataCamp	credential
Jun 2021	**Complete Web Development (600 hours)** Instructed by: Programming Hero	credential
Dec 2020	**200-Hour Full Stack Development Training,** Instructed by: LEDP	credential
Mar 2020	**Introduction to HTML5(8 weeks)** Instructed by: Coursera	credential
Apr 2020	**Cybersecurity Awareness and Innovation** Instructed by: Coursera	credential

ADDITIONAL INFORMATION

| Thesis | **Customer Behavioral Segmentation using RFM Analysis: A Machine Learning Approach (Thesis)** |

- 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.

| Awards | • **University Merit Scholarship** in the Seventh and Eighth semesters. |

| Organization | • **Founding Member**, Data Science Club (DSC) – Daffodil International University,
• Jan 2021 - Present
• **Executive Member,** Software Engineering Club (SEC) – Daffodil International University, July 2018 – Apr 2022 |