



# Md Ariful Islam

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🔗 Portfolio     LinkedIn     GitHub

## Profile

Full-Stack Developer with 2 years of professional experience as a Frontend Developer. Skilled in Next.js, React.js, and Node.js, with a strong background in building responsive web applications, improving user experiences, and developing scalable architectures. Brings proven problem-solving ability, solid knowledge of modern JavaScript frameworks, database systems, and agile practices. Seeking to contribute technical expertise and a collaborative mindset in a challenging software development role.

## Professional Experience

**Chuty Bangladesh Pvt. Ltd.** Oct 2023 – Jul 2024  
*Associate Programmer (Frontend)* Chittagong, Bangladesh

- Responsible for creating a visually appealing, responsive, and efficient user interface by leveraging the capabilities of the React.js library. This role involves collaboration with other team members, adherence to best practices, and a focus on delivering a high-quality user experience.

**Brand AtoZ** Dec 2022 – Jul 2023 | Dhaka, Chattogram  
*Junior Web Developer(Intern)*

- Creating and implementing the structure and layout of web pages using HTML, Styling the web pages using CSS to achieve the desired visual appearance, Writing and maintaining JavaScript code to add interactivity and functionality to web pages. Utilizing JavaScript framework ( React.js) to streamline development.

## Technical Skills

<b>Programming Languages:</b> JavaScript (ES6+), TypeScript, Java, Python, C, C++	<b>Front-End:</b> Next.js, React.js, Redux, TypeScript, HTML5, CSS3, Bootstrap, Tailwind CSS
<b>Back-End:</b> Node.js, Express.js, RESTful APIs	<b>Database:</b> MongoDB, Firebase (Auth)
<b>DevOps &amp; Tools:</b> Git, GitHub Actions, Vercel	<b>Version Control:</b> Git, GitHub.
<b>Testing and Debugging:</b> DevTools, Redux DevTools.	<b>Software Engineering:</b> Design Patterns (MVC), SOLID Principles, Agile/Scrum, Code Review

## Projects

### Job Tracker – AI-Powered Job Application Management System

*Personal Project | January 2026*

Live Demo  GitHub 

- Built full-stack job tracking platform with AI resume optimizer, cover letter generator, and interview prep powered by Groq's Llama 3.3 LLM.
- Developed analytics dashboard with 7 interactive charts using Recharts, tracking success metrics, application trends, and response rates across multiple job statuses.
- Implemented secure authentication with NextAuth, file upload system via Vercel Blob Storage, and PDF/Excel export functionality for application data.
- Engineered responsive UI with dark mode, advanced search/filter, and real-time data synchronization using Next.js 15, TypeScript, PostgreSQL, Prisma ORM, Groq AI SDK and Tailwind CSS.

### ShopEase – E-commerce Recommendation System

*MASc Software Engineering | Memorial University | 2025*

Live Demo  GitHub 

- Built a full-stack e-commerce platform with personalized product recommendations using collaborative and content-based filtering.

- Implemented end-to-end shopping features including cart, checkout, orders, and secure user authentication.
- Integrated Stripe payments and developed an admin dashboard for managing products, orders, and customers.
- Developed using Next.js, React, TypeScript, MongoDB, and Tailwind CSS.

**DocEase – Doctor’s Appointment Booking System**

MASc Software Engineering | Memorial University | 2025

Live Demo [🔗](#) GitHub [🔗](#)

- Developed a role-based appointment booking system for patients, doctors, and administrators.
- Implemented scheduling, appointment booking, cancellation, and automated email notifications.
- Built doctor availability and booking management features with synchronized schedules.
- Applied UML-based system modeling to support scalability and maintainability.
- Served as the frontend developer in a two-member team, responsible for UI design and API integration.

**Education**

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**Master's of Applied Science in Software Engineering** Sep 2024 – Dec 2024 | St John's, Canada

Memorial University of Newfoundland

**Bachelor of Science in Computer Science and Engineering** Jul 2015 – Oct 2020

Premier University Chittagong, Bangladesh

**Certificates**

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**Basic First Aid CPR C/AED (Emergency) - St. John Ambulance, November 2024**

Proficient in emergency response, including CPR for all ages, anaphylaxis management, casualty transport, trauma care, and severe injury management.

**Fullstack Web Development course - Programming Hero in 2022**

Comprehensive training in MERN stack (MongoDB, Express.js, React, Node.js), RESTful APIs, authentication, and deployment.

**Computer Office Application - Monoroma Computer Village, 2012**

Acquired proficiency in Microsoft Word, Excel, and PowerPoint through hands-on training and practical exercises.