MD RAFIDUL ISLAM

SOFTWARE ENGINEER

EXPERIENCES

Software Engineer L2 | Echologyx Ltd.

July 2026 - Present

- Develop and maintain A/B tests and experimentation solutions for e-commerce websites, focusing on improving user experience and conversion.
- Implement frontend experiences and dynamic UI changes using JavaScript, HTML, CSS, and modern web technologies.
- Collaborate with designers and stakeholders to translate Figma designs and product requirements into production-ready A/B test implementations.

Software Engineer | Ninja Digital Innovations

July 2025-June 2026

- Full-stack development on Knowledge Links AI, a Retrieval-Augmented Generation (RAG) based AI application integrating LLMs with structured and unstructured data.
- Built backend pipelines for document ingestion, vector-based retrieval, and AI-powered response generation.
- Worked on developing and maintaining BrandCloud's corporate website using Next.js, TypeScript, Tailwind CSS, and tRPC.

Software Engineer(Remote) | Brand Cloud Inc.

August 2023-June 2025

- Full-stack development using Next.js, TypeScript, Tailwind CSS, tRPC, and MicroCMS.
- Built and shipped production features for MoeGuide and Suirikyou from concept to deployment.
- Implemented scalable, type-safe APIs and responsive user interfaces.
- Collaborated remotely with cross-functional teams to deliver high-quality software.

Frontend Lead | Carriastic (StartUp)

January 2023-July 2023

- Led frontend development for the company's official website and HR Management SaaS application.
- Designed and implemented responsive, user-friendly interfaces with a focus on performance and scalability by using React, Next.Js, Typescript, Tailwind CSS.

Associate Software Engineer | Nexkraft Limited
November 2021-March 2022

- Developed XML-based UI layouts for the Nexkraft HR Android application.
- Collaborated with the development team to implement and refine app features.

PROFESSIONAL PROJECTS

❖ MoeGuide (https://moeguide-app.vercel.app/)

This is a tourism and guide discovery web application designed to help users explore Tokyo-based guides and experiences. The platform provides a responsive, user-friendly interface and ensures seamless frontend–backend communication using a type-safe architecture.

❖ Suirikyou (https://suirikyou.vercel.app/)

Suirikyou is a responsive online quiz web application designed to provide users with an interactive and dynamic quiz-taking experience. The platform allows users to attempt quizzes, navigate between questions, and receive real-time feedback with smooth state management and efficient frontend–backend communication through a type-safe architecture

❖ Knowledge Links AI

A Retrieval-Augmented Generation (RAG) based AI application that combines document retrieval with LLM-powered responses to deliver accurate, context-aware answers. The system handles document ingestion, vector-based retrieval, and AI response generation.

❖ BrandCloud Corporate Website (https://brandcloud.co.jp/en/)

A corporate website developed and maintained to represent BrandCloud's services and brand identity. Focused on performance, SEO optimization, responsive design, and reusable component architecture.

❖ Carriastic Corporate Website (https://carriasticapp.vercel.app/)

A corporate website developed to establish Carriastic's digital presence and showcase its services and HR Management SaaS platform. Focused on performance optimization, SEO best practices, responsive design, and scalable reusable component architecture to ensure maintainability and future growth.

PERSONAL PROJECTS

- Carriastic Website
- CV Sorting AI
- Demo Hospital Management System
- HR Management System
- Portfolio Website
- Restaurent POS application
- Demo Restaurant Website
- Nearby Diagnostic Center Search Android App
- Aliza the AI Assistant

SKILLS

➤ **Programming Languages:**

JavaScript, TypeScript, Python, Java

➤ **Frontend Technologies:**

React.js, Next.js (App Router & Page Router), Tailwind CSS, HTML5, CSS3

➤ **UI Design Tool:**

Figma

➤ **Backend & API Development:**

Node.js, tRPC, REST APIs, Prisma, NextAuth

➤ **Databases & Data Management:**

PostgreSQL, MySQL, MicroCMS

➤ **AI & Modern Architectures:**

Retrieval-Augmented Generation (RAG), LLM-based application integration

➤ **Tools & Platforms:**

Git, GitHub, Vercel

➤ **Development Practices:**

Full-stack development, Type-safe architecture, Responsive design, Reusable component design, Code reviews

EDUCATION

BRAC University | Dhaka, Bangladesh

June 2016-November 2020

Bachelor of Science in Computer Science and Engineering

Thesis: "**Smart Protection for Website Using Machine Learning and Image Processing**" supervised by Dr Mohammad Iqbal Hossain