

MD IF THE KHARUL ISLAM

Dhaka, Bangladesh · ifty64bit@gmail.com

LinkedIn · GitHub · Portfolio

PROFESSIONAL SUMMARY

Software Engineer with approximately 3 years of professional experience building production web applications, internal platforms, and consumer-facing products. Specializes in TypeScript-based full-stack development, React/Next.js, type-safe architectures, cloud and edge infrastructure, and modern API-driven systems. Experienced in taking applications from architecture and implementation through deployment, performance optimization, and production delivery. Currently expanding into AI-native application development and LLM-powered software systems.

CORE TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, HTML5, CSS3, Go (Golang), Python, PHP

Frontend: React, Next.js (App Router), TanStack Start, Astro, SvelteKit, Tailwind CSS, shadcn/ui

State & Data: TanStack Query, TanStack Router, Zustand, React Router

Backend & APIs: Node.js, Hono, Bun, ElysiaJS, REST APIs

Databases & ORMs: PostgreSQL, MongoDB, MySQL, Supabase, Turso, Neon, PocketBase, Prisma, Drizzle ORM

Cloud, Edge & DevOps: Cloudflare Workers/R2/D1, Vercel, AWS S3, CloudFront, CodePipeline, Docker, GitHub Actions, Nginx, VPS Self-Hosting

Authentication & Validation: Better Auth, Firebase Authentication, Zod, Valibot

Engineering: System Design, Functional Programming, Programmatic SEO, CI/CD, Performance Optimization, LLM API Integration

PROFESSIONAL EXPERIENCE

JB Connect Ltd.

Software Engineer

Dhaka, Bangladesh

April 2024 – Present

- Engineered production web applications, consumer platforms, and internal administration systems from the ground up across multiple product environments.
- Developed the primary user interface and administrative panels for **V+Ing**, a short-form-video-based job-matching platform, integrating APIs and secure monetized subscription flows with Stripe.
- Built and optimized modular interfaces for **Dododo**, a consumer-facing short-drama streaming platform, with a focus on responsive layouts, asset delivery, and smooth media experiences.
- Architected the core web application platform for **stage0**, a networking marketplace connecting startup founders and entrepreneurs with investment opportunities.
- Designed and provisioned automated CI/CD workflows using AWS CodePipeline and custom `buildspec.yml` configurations, integrating AWS S3 and CloudFront for build delivery and global asset caching.
- Implemented type-safe API consumption, server-state synchronization, and asynchronous application workflows using TanStack Query and modern state-management patterns across production platforms.

SourceEasy

Frontend Developer & QA Intern

Dhaka, Bangladesh

March 2022 – January 2023

- Promoted to Frontend Developer to drive UI architecture and feature development for internal administration platforms serving an international B2B apparel marketplace connecting manufacturers with enterprise buyers in the United States.
- Built responsive data grids, interactive dashboards, and configuration management interfaces that supported internal supply-chain workflows.
- Started as a QA Intern, performing structured manual testing, maintaining localized bug-tracking workflows, and investigating regressions to improve application reliability.
- Collaborated with development leads to translate product requirements and system specifications into maintainable, structured frontend implementations.

TECHNICAL PROJECTS

Oventory · oventory.app · *Full-Stack Developer*

- Architected a type-safe operations and resource coordination dashboard with a feature-driven application structure separating UI, state workflows, and data-access concerns.
- Leveraged **TanStack Start** for unified client/server routing and streaming capabilities, enabling responsive application flows and server-side data handling.
- Integrated **Prisma ORM** to provide a structured relational data layer with compile-time type safety across application queries and schema evolution.

Threads of Shayari v2 · threads-of-shayari-v2.vercel.app · *Full-Stack Developer*

- Built and deployed a media-rich poetry sharing platform using modern React rendering patterns and responsive application architecture.
- Implemented secure user sessions with **Better Auth** and structured relational data management using **Prisma**.

MustTryBD · musttrybd.com · *Creator & Lead Developer*

- Developed and launched a directory platform for discovering food and tourist attractions across Bangladesh.
- Built the application using **Next.js App Router** and Tailwind CSS, with a focus on server-rendered pages and responsive user experiences.
- Implemented location-aware data storage and database queries to support consumer search and discovery workflows.

OpenDataCanvas · opendatcanvas.com · *Full-Stack Engineer*

- Engineered a programmatic SEO data aggregation platform using Astro, serverless infrastructure, and type-safe database access.
- Implemented public-data ingestion pipelines backed by edge-compatible storage and database technologies including **Turso** and **Drizzle ORM**.
- Applied edge-rendering and performance optimization techniques to achieve strong Core Web Vitals and efficient content delivery.

EDUCATION

American International University-Bangladesh (AIUB)

Dhaka, Bangladesh

Bachelor of Science in Computer Science & Software Engineering

2023

- Core focus areas: Software Engineering, Database Management, and Systems Analysis.