

AL AMIN KHAN

Full-Stack Developer

Dhaka, Bangladesh | Phone: [+8801515202072](tel:+8801515202072) | Email: alaminkhan@outlook.com |

Portfolio: <https://alaminkhan.me> | GitHub: <https://github.com/al-amin-khan> | LinkedIn: <https://linkedin.com/in/me-al-amin-khan/>

PROFESSIONAL SUMMARY

Full-stack developer building production-ready web applications with React, Node/Express, and MongoDB/SQL. Experienced in designing secure authentication (JWT/Firebase), RBAC, REST APIs, and end-to-end CRUD workflows. Strong in building scalable features like search/pagination and deploying reliable apps with clean, maintainable code.

CORE SKILLS

Front-End: React, React Router, TypeScript, Tanstack-query, Axios, Tailwind CSS, DaisyUI, Material UI, Swiper, Framer Motion;

Back-End: Node.js, Express, REST APIs;

Databases: MongoDB, Microsoft SQL Server, MySQL, PostgreSQL;

Auth & Security: Firebase Auth, JWT, RBAC, protected routes;

Data & Integration: Kafka, Debezium, Kafka-Connect, JSON transforms (SMTs)

Tools & Delivery: Git/GitHub, Docker, Postman, Jira, Linux (Oracle Linux/Ubuntu), Windows Server, Nginx/IIS

PROJECTS

Bookarry — Role-Based Book Ordering Platform (Full-Stack) | Link: [Live Website](#) | GitHub: [Server repo](#) , [Client repo](#)

- Built a book ordering platform with **RBAC dashboards** (User/Librarian/Admin) for catalog browsing, wish list, order management, and admin controls.
- Implemented **secure authentication + authorization** using **Firebase Auth (JWT)** and **Firebase Admin token verification** to protect API routes.
- Integrated **Stripe Checkout** with payment/invoice history and improved UX using **React Query caching**, responsive UI, and **Leaflet** delivery coverage map.

Technology: React, React Router, TanStack React Query, Tailwind CSS, DaisyUI, Firebase, Axios, Node/Express, MongoDB, Stripe, Leaflet, Vercel.

FastPay – Utility Bill Management Platform (Full-Stack) | Link: [Live Website](#) | GitHub: [Server repo](#) , [Client repo](#)

- Built responsive bill management UI with CRUD, category filtering, confirmation modals, and consistent empty/loading/error states.
- Integrated Firebase authentication and protected routes; connected front-end to REST APIs with stable data handling for production-like reliability.

Technology used: React, React Router, Tailwind, DaisyUI, Firebase, Node/Express, MongoDB, Axios, Jspdf, Jspdf-autotable;

Petopia – Pet Wellness Platform (Front-End) | Link: [Live Website](#) | GitHub: [Client repo](#)

- Built a responsive pet-care web app using **React, Vite, Tailwind, DaisyUI**, with secure **Firebase Authentication** (Email/Google/GitHub).
- Implemented dynamic service listings with protected routes and optimized UI for fast, smooth user experience.

Technology used: React, Tailwind, DaisyUI, Firebase, Node/Express, MongoDB;

EXPERIENCE

Jr. System Analyst (IT & MIS) | Amtranet Group Limited, Tongi, Dhaka | Dec 2023 – Present

- Built a real-time attendance data sync (**MySQL → SQL Server**) using **Kafka + Debezium**, reducing HR system latency from **hours to under a minute** for Keka/Kormee; maintain daily processing for **10,000+ employees**.
- Improved server reliability and performance by troubleshooting production issues and bottlenecks, reducing CPU usage from **90%+ to under 20%** and stabilizing the Attendance system for HR operations.
- Lead HR systems support as **Keka HRMS Super Admin** (access control, user support, issue resolution) and implemented **HTTPS/SSL on Windows Server** to improve security and trust.

Software Engineer - Intern | BracIT Services Limited (BracIT), Niketan, Dhaka | Aug 2023 – Dec 2023

- Implemented features from SRS requirements using **Groovy/Java** with **Spring Boot**; delivered UI updates in **Angular** with **Material UI**.
- Created and modified **JasperReports** and updated **stored procedures** per Change Requests; handled **bug fixes** and **QA support via Jira**.

EDUCATION

B.Sc. in Computer Science & Engineering (BSCSE) | United International University (UIU), Dhaka | 2013–2018

EXTRAS

- **Language:** Bangla (native), English (Working Proficiency).