

AL AMIN KHAN

Full-Stack MERN Developer

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PROFESSIONAL SUMMARY

Full-stack developer and System Analyst (IT & MIS) building business applications end-to-end—from responsive React UIs to secure APIs and database-backed workflows. Experienced in real-time data sync and automation for HR/attendance systems, delivering measurable reliability and performance improvements. Strong in MERN + Firebase/JWT auth, plus SQL Server/MySQL integration when products require accuracy at scale.

EXPERIENCE

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

- Developing a custom web-based Overtime Approval System (~70% complete) using React + Node.js + SQL Server with multi-level manager approvals and revision/resubmission flows.
- Developing and redesign company website what is in test phase.
- Built a real-time attendance data sync (MySQL → SQL Server) using Kafka + Debezium, reducing HR system data latency from hours to under a minute (Keka, Kormee).
- Improved server performance by diagnosing bottlenecks and reducing CPU usage from 90%+ to under 20%, making internal systems faster and more stable.
- Implemented HTTPS/SSL configuration on Windows Server for the company website to improve security and trust.
- Act as Super Admin for Keka HRMS/recruitment tools: access management, user support, issue resolution.

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.

PROJECTS

FastPay – Utility Bill Management Platform | 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 | 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, Firebase, Node/Express, MongoDB;

EDUCATION

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

CORE SKILLS

Front-End: React, Next.js, React Router, Tailwind CSS, 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 (KRaft), Debezium (CDC), Kafka Connect (JDBC Sink), JSON transforms (SMTs)

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

ACHIEVEMENTS & CERTIFICATIONS

- Web Application Development with Python (Django) | New Horizons Computer Learning Centers, Dhaka (ID: NH18972).
- Complete Web Development (JavaScript, React, Firebase, Node.js, Express, API, MongoDB) | web.programming-hero.com.

LANGUAGES

- Bangla (native),
- English (Working Proficiency).