

SAIFUL ALOM

Full-Stack Software Engineer (Edge-Native Specialist)

[Personal site](#) | [Github](#) | [LinkedIn](#)

SUMMARY

Full-Stack Engineer specializing in lightweight, edge-native TypeScript architectures (Astro, React, Hono, Cloudflare Workers). Focuses on building serverless infrastructure and globally distributed data layers optimized for sub-50ms latency.

TECHNICAL SKILLS

Architecture: Edge-Native Web Apps, Serverless Compute, Type-Safe API Design

Core Stack: TypeScript, JavaScript (ES6+), Astro, Hono, Next.js, React, Tailwind CSS

Infrastructure: Cloudflare Workers/Pages, Wrangler CLI, Docker, Nginx, VPS, CI/CD

Databases & ORMs: Cloudflare D1 (SQLite), PostgreSQL, Drizzle ORM, MongoDB, Mongoose

Tools & Validation: Git, GitHub Actions, Postman, Vitest, Supertest, Zod Validation

PROFESSIONAL EXPERIENCE

Founding Full-Stack Engineer | [TrackFlow](#) (Open Source Product) *March 2026 – Present*

- Architected an open-source, privacy-first web analytics platform optimized for <50ms global edge latency.
- Engineered serverless data pipelines using Cloudflare Workers, Pages, and the Wrangler CLI.
- Developed a type-safe REST API using Astro API routes and TypeScript, enforcing runtime validation via Zod.
- Structured a lightweight data storage layer utilizing Cloudflare D1 and Drizzle ORM.

Full-Stack Software Engineer | [BazarBhai](#) (E-Commerce Platform) *July 2025 – August 2025*

- Designed and launched a full-stack, multi-vendor marketplace to digitize local retail workflows.
- Acted as sole technical owner, managing database schemas, server logic, and 3 user dashboards.
- Handled entire production deployment lifecycle and local web application API integrations.

EDUCATION

Dakshin Surma Government College, Sylhet, Bangladesh — B.A. (Hons) in Islamic History & Culture

- Discontinued (2023 – 2025) | Paused formal studies to dedicate 100% focus to launching product infrastructure.

Jakiganj Govt. College, Sylhet, Bangladesh — HSC (Humanities) | Graduated: 2023 (GPA: 4.17/5.00)

Eidgah Bazar High School, Sylhet, Bangladesh — SSC (Science) | Graduated: 2021 (GPA: 4.00/5.00)