

FAHIM AHMED EMON

Full Stack Developer & Team Lead

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PROFESSIONAL SUMMARY

Full Stack Developer and Team Lead with 2+ years of experience delivering production web and mobile products. Leads a 12-member mobile team, owns system design for client-facing businesses, and handles the full deployment process across AWS EC2 and VPS servers with Nginx, S3 and Cloudflare R2 media pipelines. Builds AI agents on frontier model APIs to automate business operations, and ships end-to-end typed applications with Next.js, Node.js/Express, PostgreSQL and MongoDB.

CORE SKILLS

Frontend: Next.js (App Router, ISR/SSR), React, TypeScript, JavaScript, Tailwind CSS, shadcn/ui, Radix UI, TanStack Query, Zustand, React Hook Form, Zod

Backend: Node.js, Express.js, NestJS, RESTful APIs, PostgreSQL, MongoDB, Drizzle ORM, Mongoose, Redis, BullMQ, Socket.IO, JWT, OAuth 2.0, RBAC

Cloud & DevOps: AWS EC2, AWS S3, Cloudflare R2, Nginx, Docker, VPS server administration, CI/CD, Linux, SSL/DNS, Git & GitHub

Architecture & AI: System design, microservices, media upload & HLS streaming pipelines, third-party API integration, AI agent development, frontier model (LLM) API integration

Leadership: Team leadership, code review, sprint planning, technical documentation, cross-functional collaboration with UI/UX and QA

PROFESSIONAL EXPERIENCE

Team Lead — Full Stack & Mobile | Scaleup IT Limited, Dhaka, Bangladesh | Jan 2025 – Present

Progression: Frontend Developer → Full Stack Developer → Team Lead

- Lead a 12-member mobile development team across planning, code review and release delivery, while building the Node.js and Express backend services that power the mobile applications.
- Own system design for client businesses, translating requirements into data models, API contracts and service topology, and briefing the UI/UX team on business logic so designs reflect real workflows.
- Handle the full deployment process as DevOps: provision and administer AWS EC2 and VPS servers, configure Nginx reverse proxy and SSL, and run a dev/UAT/production branch release strategy.
- Built and operate the media upload pipeline on AWS S3 and Cloudflare R2, covering presigned uploads, object-key handling and HLS video streaming.
- Develop AI agents that automate client business operations using frontier model APIs, with tool calling, background job queues and third-party service integration.
- Delivered 15+ client web projects with Next.js, TypeScript, Tailwind CSS and shadcn/ui as Frontend Developer, then expanded into full-stack development with Express.js and Node.js.

Software Engineer Intern | Baseit Ltd, Dhaka, Bangladesh | Jan 2024 – Jul 2024

- Shipped features and bug fixes into an existing production codebase alongside the engineering team, working within established review processes.
- Designed and delivered a complete project independently, from requirement analysis and data modeling through implementation, testing and deployment.

PROJECTS

AI-Powered E-Commerce Platform | gcl-ecom.vercel.app

- Built a high-performance storefront on Next.js 16 App Router with strict TypeScript, using ISR and server-rendered initial data to keep product and category pages near-instant.
- Architected the backend on PostgreSQL 16, Drizzle ORM and Express 4 — end-to-end typed from schema to controller — with Redis 7 and BullMQ for caching and background jobs, and Socket.IO for real-time updates.

Tech: Next.js 16, TypeScript, Tailwind v4, shadcn/Radix, TanStack Query, Zustand, React Hook Form, Zod, PostgreSQL 16, Drizzle ORM, Express 4, Redis 7, BullMQ, Socket.IO

Elevator Video Pitch — Video-First Recruitment Platform | evpitch.com

- Delivered a client job marketplace where candidates record 60-second video pitches and recruiters post roles and review applicants, spanning the Next.js frontend, admin dashboard and Express API.
- Deployed and maintained the platform across multiple VPS instances with Nginx, a dev/UAT/main branch strategy, and Cloudflare R2 object storage with HLS streaming for pitch playback.

Tech: Next.js, TypeScript, Express.js, Node.js, Nginx, Cloudflare R2, HLS video streaming, VPS

EDUCATION

B.Sc. in Computer Science and Engineering | American International University-Bangladesh (AIUB) | 2023 | CGPA 3.75/4.00

Higher Secondary Certificate (HSC), Science | Shaheed Police Smrity College, Dhaka | GPA 5.00/5.00

LANGUAGES

Bengali — Native | English — Professional Working Proficiency