

MAHBUB RAHMAN

Senior Full-Stack & AI Engineer

Rajshahi, Bangladesh · Remote (US) · Make Real LLC

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SUMMARY

Senior Full-Stack and AI Engineer with 6+ years shipping production SaaS, AI, and mobile for US companies (TypeScript, Next.js, NestJS, Fastify, React Native, PostgreSQL, AWS, Claude). Production platforms serving **67 educational institutes** and **23 county governments**. Contract / fractional via Make Real LLC. PT/CT/ET overlap. Full IP transfer. W-9 invoicing.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python

Frontend / Mobile: React, Next.js, React Native, Flutter, WebGL, Three.js

Backend: Node.js, NestJS, Fastify, Express, Hono, REST, WebSockets, PostgreSQL, MongoDB, Redis

AI / Cloud: OpenAI, Claude, Grok Imagine, AWS, GCP, Cloudflare R2, Vercel, Docker, FFmpeg, CI/CD

Quality / Security: Automated tests, RBAC, encryption, audit logs, production deploys

EXPERIENCE

Founder & Lead Engineer | Make Real LLC

Nov 2019 – Present | Rajshahi, Bangladesh · Remote

- Founded and bootstrapped Make Real. Shipped production SaaS used by 67 educational institutes and 23 county governments.
- Own architecture through production: Next.js, Flutter/React Native, NestJS, Fastify, PostgreSQL/MongoDB, AWS/GCP, CI/CD, and maintenance.
- **ReelForge (2026):** agentic short-form video platform (Next.js, Fastify, Neon Postgres, R2, Claude, Grok Imagine, FFmpeg). Brand → weekly calendar → assembled MP4s. Founder and lead engineer.
- **Academy Pro (2023–2024):** multi-tenant school SaaS that replaced a \$40k/year vendor; still in daily use at 67 schools. Live: academypro.live.
- **TryOn Live (2024):** AI virtual try-on Shopify app using GCP Vision; live in the Shopify App Store in 25 hours.
- **UPMIS (2023):** municipal tax/property SaaS with immutable audit trails and RBAC; zero downtime since launch.

Senior Software Engineer | Early Bird Labs

Apr 2024 – Dec 2025 | Florida, United States (Remote)

- Architected and led full-stack web (Next.js) and mobile (React Native) applications with Hono/Express backends.
- Delivered client projects from conception to production, focusing on scalable architecture and performance.

Software Engineer (Contract) | Rita Group

Nov 2023 – Apr 2024 | NYC, United States (Remote)

- Built a marketplace platform for small businesses, a Chrome extension, and custom Webflow sites for client projects.

Software Engineer | HuCapital

Feb 2021 – Nov 2023 | NYC, United States (Remote)

- Developed and maintained the React Native mobile app, including engagement features and production releases.
- Implemented real-time WebSocket chat and Huey AI, an integrated OpenAI-powered assistant.

EDUCATION

Rajshahi University | Computer Science

Jan 2020 – Feb 2024 | Rajshahi, Bangladesh