# MAHBUB RAHMAN

Senior Full-Stack AI Engineer

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

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## SUMMARY

Senior Full-Stack 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 union parishads** (local governments). Contract via US LLC (W-9). No visa sponsorship required. PT/CT/ET overlap. Full IP transfer.

## SKILLS

**Languages:** TypeScript, JavaScript, SQL, Python

**Frontend / Mobile:** React, Next.js, React Native, Flutter, WordPress, 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. Contract / fractional engineering for US companies via the LLC.
- Own architecture through production: Next.js, Flutter/React Native, NestJS, Fastify, PostgreSQL/MongoDB, AWS/GCP, CI/CD, and maintenance.

#### CONTRACT ENGAGEMENTS

**Early Bird Labs (contract) | Senior Software Engineer**

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

- Shipped 2 production React Native apps, 20+ landing pages, and 8+ ecommerce sites. Stack: Next.js, React Native, Hono/Express.
- Worked with a global product team (engineering and design) from brief to production — not a solo ticket queue.
- Also shipped WordPress sites and Python work on the same team, not only the Next.js / React Native stack.

**Rita Group (contract) | Software Engineer**

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

- Shipped Tab by Rita (Chrome extension) and MKT by Rita, a marketplace for small businesses.
- Built the Rita Company landing page and related client marketing sites.

**HuCapital (contract) | Software Engineer**

*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.

#### SELECTED PRODUCTS

- **ReelForge (2026):** agentic short-form video platform (Next.js, Fastify, Neon, Claude, FFmpeg). Brand -> calendar -> 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.
- **UPMIS (2023):** CRM for 23 union parishads (Bangladesh local governments). Audit trails, RBAC, zero downtime since launch.

## EDUCATION

### Rajshahi University | B.Sc. Computer Science

*2016 – 2020 | Rajshahi, Bangladesh*