

Md Jahidul Islam

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Senior Full-Stack Software Engineer

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Engineer with **8+ years** building and scaling web and mobile products from idea to production. I built a SaaS app to **100K+** downloads and shipped production software for startups and international teams. I enjoy owning problems end to end and turning business needs into simple, reliable software.

Work Experience

Mess Manager (Co-Founder) | [messmanager.app](#) | Part-time

Feb 2019 - Present

- **Architected and scaled the product solo to 100K+ Play Store downloads**, replacing manager's monthly paper/Excel accounting with automatic meal tracking, cost-sharing, bill-splitting and PDF reports. (Node.js, Express.js, TypeScript, Drizzle ORM, MySQL; React Native, web and admin in a Yarn monorepo)
- **Optimized API response times to single-digit milliseconds** by fixing slow queries through indexing and schema tuning, with production performance tracked in Grafana and Loki.
- **Scaled the backend horizontally** by moving sessions into Redis central storage, so it runs across multiple instances as traffic grows.
- **Built real-time mess group chat** with Socket.io and Redis Pub/Sub, keeping messages in sync across multiple servers.
- **Tested every feature before release** with Vitest and Testcontainers (real MySQL and Redis), shipping through Docker and GitHub Actions CI/CD with live production monitoring.

Pyng.com.au (Sr. Software Engineer)

Mar 2024 - Aug 2026 | Remote (Australia)

- **Led the consumer React Native app on iOS and Android** for a live QR payments product, owning architecture, releases and app stability through Firebase Crashlytics and analytics.
- **Hardened the app to payment-grade security** with biometric login, Keychain secure storage, OAuth2 PKCE via Keycloak, and screenshot-blocking on sensitive screens.
- **Built the scan-to-pay flow** (Vision Camera QR, precise currency handling) with TanStack Query and Zustand, plus NestJS and PostgreSQL backend features, sharing code across apps in a Turborepo monorepo.

TheraMe Today (Frontend Developer)

Nov 2023 - Feb 2024 | Remote (UK)

- **Built the live video therapy sessions** using the Agora SDK, connecting therapists and patients for remote appointments, and built the complete web app and admin portal with Next.js and React.

Supertal.IO (Sr. Software Engineer)

Oct 2022 - Oct 2023 | Remote (Singapore)

- **Built auth and user services in a microservices setup** for a football club called Persib, covering secure login, roles and user management.
- **Delivered backend systems** for a US logistics company (NestJS) and an Indonesian news site (Express.js and MySQL), building the APIs that ran their operations.

Independent Contractor (Software Developer)

May 2017 - Sep 2022

- **Completed 350+ web and mobile projects for clients worldwide**, building with React, Next.js, React Native, Expo, Node.js, Tailwind CSS, WordPress, backed by AWS (EC2, ECS, RDS), MongoDB, Supabase and Prisma.

Education

IUBAT(BSc in Computer Science & Engineering) | Bangladesh

Oct 2017 - Sep 2021(CGPA: 3.93/4)