

# Wai Phyo Maung (Shiro)



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## PROFILE

Mobile engineering lead with **three consumer apps live on the App Store — Magick Box, Magick Learn and Quibit**. The first two I led from first commit to release, running a ten-person team and writing the production backends myself; at Quibit I built the chat experience at its core. Five years in mobile, React Native since 2021 — I own products end to end.

## EXPERIENCE

### Development Team Lead

2024 — Present

Magick Studio ([magickstudios.ai](https://magickstudios.ai)) · General Magick Industries, Singapore

- Led the development team behind **Magick Box**, a consumer AI app (iOS & Android) putting every major AI model in one platform — multi-model chat, AI personas in group chats, image/video/music generation, community feed — **live on the App Store**.
- Led Magick Box's backend development — async **FastAPI** + MongoDB, **AI/ML API** as the primary model gateway with **Replicate** as fallback, and **Celery/Redis queues** for long-running jobs like video and music generation — JWT auth, rate limiting, Kubernetes deployment.
- Built Magick Box's monetization — **Stripe** payments with custom product setup for the web version, **RevenueCat** in-app purchases on iOS and Android.
- Designed and built **Magick Learn** entirely solo — React Native (Expo) app, edge backend (**Cloudflare Workers**, Hono, Turso), AI story-generation pipeline and scripted App Store releases — **live and monetizing on iOS**, Android in progress.
- Carried both apps through **App Store and Play Store review** — resolving repeated guideline rejections and aligning product with platform policies, release after release.
- Run a ten-person product team and drive the applied AI research behind the products — **RAG, vision and long-term memory** systems.

[magickbox.ai](https://magickbox.ai) · [magickle.ai](https://magickle.ai) · [App Store: Magick Box](#) · [Magick Learn](#)

### Mobile Developer

2024

Quibit (Social App) — South Korea · remote, full-time

- Built **individual and group chat** features for Quibit's **React Native (Expo)** app — live on the App Store — integrating **GraphQL APIs (Apollo Client)** for people listings, friend connections and messaging data.
- Contributed to the app's **NestJS** backend alongside the mobile work.

EXPERIENCE

Full-Stack Software Engineer

2021 – 2023

KBZ Bank — Yangon, Myanmar · largest private bank in Myanmar

- Built scalable REST APIs (ASP.NET, module-based microservices) powering **Smart HR** — the HR platform in production use by **80,000+ employees across the KBZ Group**: attendance, leave and payroll.
- Integrated AWS — Cognito auth, S3 deployments, a **queued SMS pipeline (SQS + SNS)** — and built the React front end (Tailwind, Material UI).

Mobile Developer

2021

Nexus Hub (Custom Software House) — Myanmar · remote, part-time

- Developed an e-commerce app for **Android and iOS with React Native** and built its Python/Flask backend — catalogue, cart and checkout shipped from one codebase.

SKILLS

|          |                                                                                                                                                              |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOBILE   | <b>React Native (Expo + EAS)</b> , TypeScript, Zustand, TanStack Query, Redux, GraphQL (Apollo), NativeWind, RevenueCat IAP, App Store releases              |
| FRONTEND | React, TypeScript, Next.js, Vite, Tailwind, Material UI                                                                                                      |
| BACKEND  | Python (FastAPI, Celery), Node.js (NestJS, Express), Hono on Cloudflare Workers, C# / ASP.NET                                                                |
| AI       | <b>Anthropic Claude</b> , LiteLLM, OpenAI, <b>AI/ML API, Replicate</b> — chat, embeddings, image, video & Suno music                                         |
| AI TOOLS | AI-accelerated engineering with <b>Claude Code, Codex &amp; Cursor</b> — the right tool per problem, with review, testing and architecture discipline intact |
| DATA     | MongoDB, PostgreSQL, Turso (edge SQLite) + Drizzle ORM, MSSQL, MySQL, Redis                                                                                  |
| CLOUD    | AWS (Cognito, S3), Cloudflare Workers, Docker, Kubernetes, Helm, GitHub Actions, EAS Build                                                                   |

EDUCATION

B.Sc. Information Technology

2023 – 2024

European International University

Higher Diploma (Hons), Infrastructure & Networks

2021 – 2022

Auston Institute of Management, Singapore

M.B.B.S (Medicine) — discontinued

2016 – 2019

University of Medicine (1), Yangon — left amid political situation

CERTIFICATES

JavaScript Algorithms & Data Structures — freeCodeCamp

Foundational C# with Microsoft — freeCodeCamp

Responsive Web Design — freeCodeCamp

LANGUAGES

**English** — fluent · Wall Street English, all 20 levels completed

**Burmese** — native