

# Min Khant Kyaw

Full-stack software engineer working in TypeScript, focused on frontend, API design, and system architecture — building production web apps end to end.

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Remote

## Experience

### Software Engineer · MeeetUp

Jan 2025 — Present

- Build and ship two production Next.js products — an event-management platform and a coworking reception system — on a single shared, multi-tenant engine where a second product launches through configuration rather than a fork (Next.js, React, TypeScript, Turborepo monorepo).
- Engineered a touchless facial check-in pipeline layering in-browser MediaPipe quality gating in front of AWS Rekognition matching to control cost and latency.
- Modeled a ~40-table domain in Prisma and PostgreSQL with Zod schemas as the single source of truth across the database, API routes, server actions, and forms.
- Integrated Stripe and Stripe Connect for ticketing and host payouts, and decoupled transactional email from the request path via SQS, AWS Lambda, and SES.

### Frontend Software Engineer · KBZ Bank

Nov 2023 — Jan 2025

- Built customer-facing and internal banking systems for Myanmar's largest private bank under tight reliability and regulatory requirements (React, NestJS, Oracle Database).
- Engineered the frontend of a host-to-host payroll tool end to end — an Excel-upload, Zod-validated, editable and virtualized review table modeled as a Redux state machine.
- Developed a full-stack cash-management system tying branch and ATM cash requests to a transport (cash-in-transit) fulfillment workflow.
- Extended an NPS platform and integrated it with the branch queue-management system to print survey QR codes onto queue tickets per branch and topic.

### Web Developer · Myanmar Information Technology

Oct 2022 — Nov 2023

- Built and customized Odoo ERP solutions for enterprise clients across vertical markets using Python backend modules and JavaScript frontends.
- Engineered a drag-and-drop room-reservation calendar — a visual booking timeline — for Odoo's free Community edition, where Enterprise planning views aren't available.
- Customized Odoo's point-of-sale for retail clients and integrated it into each client's wider Odoo deployment.

### Freelance Developer · Independent

2022 — Present

- Architect and ship full-stack products for clients alongside full-time roles, owning technical decisions from setup through deployment.
- Built BurmaUni, an EdTech operations portal, around a custom JWT-based RBAC system (route / component / action enforcement), a concurrency-safe silent-refresh interceptor, and a reusable URL-state data-table hook across ~20 server-side grids.
- Built MyanHealth, a Burmese-first health-news WordPress theme, with a self-built ad manager and a modern Tailwind CSS v4 + esbuild pipeline.

## Skills

### Languages

TypeScript, JavaScript, Python, PHP

### Frontend

React, Next.js, Astro, Vite, Tailwind CSS, shadcn/ui, Redux, TanStack Query / Router / Table, Zustand

### Backend

Node.js, NestJS, Next.js (RSC & Server Actions), Odoo (Python), WordPress (PHP)

### Database & ORM

PostgreSQL, OracleDB, MySQL, Supabase, Prisma

### Auth & Payments

NextAuth, JWT / RBAC, Stripe & Stripe Connect

### Cloud & Tooling

AWS (S3, Rekognition, SES/SNS/SQS, Lambda, Amplify), Vercel, DigitalOcean, Cloudflare, Docker, GitHub Actions, Turborepo, esbuild

### Testing

Vitest, Playwright, Storybook

## Selected Projects

### Meeetup — Event & Coworking

Two production Next.js products on one shared, multi-tenant engine (Turborepo), with touchless facial check-in (MediaPipe + AWS Rekognition).

### AI Document Management — RAG

Hackathon-winning, Google-Drive-style document manager with a LangChain + Chroma RAG pipeline over a local LLM and per-department/user RBAC. React + NestJS.

### BurmaUni — EdTech Admin Portal

~30-module operations portal around a custom JWT/RBAC system and a reusable URL-state data-table hook.

### CoBudget — Expense-Splitting PWA

[Live demo](#) · Offline-first PWA that settles shared expenses in the fewest transfers; authz via Supabase RLS.