

Khant Nyar Ko Ko

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SUMMARY

Final-year B.Eng. Software Engineering student at Mae Fah Luang University (GPAX 3.89/4.00) and full-stack Software Engineer (1.5+ yrs). Built a legal AI web platform from 0 to production in a startup team, contributing across front-end and back-end, taking part in code reviews and system architecture discussions; promoted from intern to full-time in 3 months. Seeking a software engineering Cooperative Education placement, starting January 2027, full-time, with a 4-month minimum required for credit and no upper limit from my side. Graduating May 2027 and open to continuing beyond the placement.

EDUCATION

- Mae Fah Luang University, Chiang Rai, Thailand · B.Eng. Software Engineering, School of Applied Digital Technology · Expected May 2027 · GPAX 3.89/4.00
- Co-op placement (compulsory, credit-bearing, full-time) · From Jan 2027 · 4-month minimum · English: TOEIC 910/990
- Publication: peer-reviewed paper on YOLOv8 image segmentation · JCSSE 2026, IEEE Xplore

EXPERIENCE

Software Engineer (Full-time) · ET.Verdict (Remote) · Aug 2025 – Present

- Built and shipped the ET.Verdict Legal AI Platform (app.etverdict.com) end to end in a small startup team: 100% of the front-end (three responsive Next.js, TypeScript apps with SSR and Tailwind CSS) and 80% of the Python (FastAPI) back-end
- Designed database schemas and queries in PostgreSQL for a 4,000-document legal corpus; improved performance through indexing, query optimization, and full-text search, cutting retrieval latency 96%
- Contributed to system architecture discussions and designed for long-term maintainability using OOP and design patterns: layered service/repository architecture, role-based access control (RBAC), and Alembic-versioned schemas
- Review code on every pull request via a Git branching workflow; work directly with founders, legal domain experts, and designers in an Agile/Scrum cadence to turn requirements into shipped features

Frontend Engineer Intern · ET.Verdict (Remote) · Apr 2025 – Jul 2025

- Built accessible, responsive UI in TypeScript, JavaScript, React (Next.js), HTML, and CSS/Tailwind; solved a redundant API-call problem by introducing TanStack Query for server-state caching, improving Lighthouse performance scores; promoted to full-time within 3 months for fast learning and ownership

Frontend Developer Intern · YEC Company (Remote) · May 2024 – Aug 2024

- Developed enterprise CRUD features in React and TypeScript within a Scrum team (sprints, peer code reviews)

PROJECTS

Keigo Companion: Japanese Honorifics Trainer (Next.js · TypeScript · Tailwind CSS · LLM API)

Responsive web app in TypeScript/React (Next.js, SSR); designed a strategy-pattern diagnoser where deterministic rules handle most mistakes and an LLM fires only as a capped fallback: a deliberate cost/latency trade-off. GitHub

EcoPoint: AI-Powered Recycling Rewards (Python · FastAPI · YOLOv8 · OpenCV)

REST backend in Python/FastAPI plus YOLOv8 vision model to verify bottle deposits from a camera feed, built in 48 h with a team of 5; 2nd Runner-Up, Hylife Hackathon 2025 (Top 16 of 120+ teams). GitHub

LifePath AI: Youth Life Decision Simulator (Next.js · TypeScript · Recharts)

Responsive-design dashboards and data visualizations in TypeScript/React (Next.js) with Recharts: opportunity score, job-demand heatmap, and contract-safety checker; team of 3, Hug Mae Hackathon 2026. GitHub

Lost & Found MFU: Campus Lost-and-Found App (Flutter · Firebase)

Cross-platform mobile app published on Google Play Store; Firebase Auth + Firestore with real-time item listings and push notifications and image upload. Google Play

SKILLS

Frontend: TypeScript, JavaScript, React, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design, TanStack Query, Redux

Backend: Python (FastAPI), Node.js (Express), REST API design, SQLAlchemy, Alembic, OpenAPI/Swagger, Java (Spring)

Databases: PostgreSQL (schema design, query optimization, indexing, full-text search), MySQL; NoSQL: MongoDB, Supabase, Firebase (Firestore)

Mobile: Flutter, Firebase, React Native, Google Play publishing

DevOps, Testing & AI Tools: Docker, GitHub Actions CI/CD, AWS, GCP, Kubernetes, Pytest, Git/GitHub, Claude Code, Github Copilot

AWARDS & CERTIFICATIONS

- FACE IT 2025 "AI+X" International Program, Universitas Brawijaya, Indonesia · October 2025
- 2nd Runner-Up, Hylife Hackathon 2025 (Top 16 of 120+ teams) · 1st Prize & Best UI/UX Design, MFU SE Hackathon 2024
- Claude Code in Action, Anthropic (Aug 2025) · AI-Powered DevOps, Docker, Kubernetes, KodeKloud (Apr 2026)