Nat Silprasert

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Education

Chulalongkorn University — Bangkok, Thailand
Bachelor of Engineering in Computer Engineering — *2024 – Present*

Work Experience

Software Engineer Intern — Feb 2026 – Jul 2026
Skooldio Tech | React, NestJS, Firebase

- Developed the WISE Mentoring Platform from scratch using React, NestJS, and Firestore, with GCP integrations.
- Migrated approximately 100,000 records from a legacy PostgreSQL system to Firebase Firestore.
- Integrated LINE Login, Messaging API, and LIFF, building 10+ LIFF pages and 40+ Flex Message templates.
- Delivered 100+ pull requests across 130+ development tickets spanning frontend, backend, and infrastructure.

Software Engineer Intern — Jan 2026 – Apr 2026
100X | Go, Fiber, PostgreSQL

- Contributed to Ingfah AI, an AI-powered call center platform for natural voice interactions with Thai customers.
- Researched and developed a Go-based RAG microservice, integrated with the main server through a proxy layer.
- Built an embedding evaluation framework to optimize chunking strategy, embedding model selection, and document parsing.

Related Experience

Product Manager — Sep 2026 – Present
Awarehouse | Project Management, Leadership

- Led the end-to-end delivery of a PR dashboard for the Bangkok Metropolitan Administration (BMA).
- Replaced a manual Google Sheets PR tracking workflow with an automated system now used in daily operations.
- Coordinated cross-functional teams of developers, data engineers, and data scientists/analysts through production.

OC Software Engineer — Aug 2026 – Present
WISE Mentoring | React, NestJS, Firebase

- Maintained the WISE Mentoring platform, implementing new features based on evolving requirements from stakeholders.
- Worked closely with the OC team to prioritize incoming requests, balancing business needs against platform constraints.

Technical Lead — Jul 2026 – Present
Thinc. (Thailand Incubator) | Project Management, Leadership

- Led the development of CUatClub, a platform for discovering clubs and activities at Chulalongkorn University.
- Planned timelines and delegated tasks while translating business requirements into practical technical solutions.
- Restructured the development workflow and project plan, completing a product stalled for over a year within three months.

Software Engineer — Jun 2026 – Present
Engineering Student Committee, Chulalongkorn University | Next.js, Go

- Contributed to a platform that manages venue reservations for Chulalongkorn University's Faculty of Engineering.
- Contributed to Intania888, a sports website that displays match schedules and scores for the Freshy Games.

Selected Projects

diffy – A self-hosted AI pull-request review platform built with Next.js and NestJS. Integrates with repositories, supports configurable review models, and automatically generates code reviews when new pull requests are opened.

Tutorist – Tutoring platform with real-time messaging, classroom management, and Google Meet integration. Led the team and owned system architecture, planning, task delegation, and mentoring.

CUatClub x CU First Date 2026 – Event platform consolidating clubs and booths for 4,000+ attendees, delivered in three days. Built an interactive map for real-time booth and club navigation.

GearBoard – Webboard platform built with Next.js, Hono, and PostgreSQL. Led development as PM and Tech Lead; wrote user stories, designed the architecture, and maintained code quality.

Technical Skills

Languages: JavaScript, TypeScript, Go, Java, C++, Python
Frontend: React, Next.js, Tailwind CSS, TanStack Query, Redux, Storybook, shadcn/ui
Backend: Node.js, Express, Hono, NestJS, tRPC, Drizzle, Prisma, GORM, Swagger
Database & Cloud: PostgreSQL, MongoDB, Firebase, Google Cloud, Cloudflare
Tools & DevOps: Git, Docker, GitHub, Postman, Vercel, Figma, Claude Code