

Supratouch Suwatno

supratouch.dev

Bangkok, Thailand

su.suwatno@gmail.com

github.com/drowningtoast

linkedin.com/in/supratouch

Graduated Information Technology Student (Software Engineering)

Language: Native Thai, English (TOEIC 900)

Experiences

Honest Bank (*Backend Engineer, Fulltime*)

Mar 2026 – Now

- Primary engineer on a bank direct-debit product: built the Go partner API client, the GraphQL enrollment lifecycle, and a scheduled collection job with regulatory hours gating and row-level locking.
- Owned a regulatory compliance project end-to-end, design through production: an event-driven stamping pipeline in Go on Kafka and GCS, with retry/DLQ handling for vendor downtime and audit records in BigQuery.
- On-call for payment and card systems: triaged PagerDuty escalations to root cause via Grafana and Prometheus, then shipped five remediations across payment idempotency, error typing, and vendor-state recovery.

Agoda (*Fullstack Software Engineer, Intern, Part-time*)

Jun 2025 – Dec 2025

- Led design reviews for the partner extranet convergence initiative, presenting API and frontend architecture proposals to 10–30 cross-functional stakeholders — directors, engineering managers, product owners, system maintainers.
- Migrated 5 high-traffic extranet pages (thousands of daily users) off the legacy monolith to microservices (React, C# .NET), including property-type-driven dynamic form configuration.
- Built out the testing diamond: unit tests for utilities, contract tests against third-party microservices, and end-to-end acceptance tests in production-like environments.
- Folded review feedback back into the designs, including migrating to newer API endpoints surfaced by stakeholders.

Cleverse (*Software Engineer, Intern, Part-time*)

Apr 2024 – Feb 2025

- Architected a Bitcoin wallet auth library: one adapter pattern covering 4 providers, giving several Web3 apps a single signature-based login path.
- Built a Bitcoin NFT launch platform that sold out its first round (tens of thousands of dollars), using the Mempool API for transaction management and investor verification.
- Shipped core DEX features — liquidity pool management and token swapping — for a Uniswap V2/V3 fork on Mantle.
- Extended a smart-money tracking platform (20K+ users) from Ethereum to Solana, adding wallet analytics and transaction history views.

School of Information Technology, KMITL (*Teaching Assistant*)

Jul 2023 – Feb 2024

- Mentored 100+ students across Problem Solving (Python), Object-Oriented Programming (Java), and IT Fundamentals (Git, Linux).

Projects

KMITL Curriculum Website (*Leads Fullstack Engineer*) <https://curriculum.kmitl.ac.th>

Apr 2025 – May 2025

- Led 1-month development of university curriculum platform (100+ programs) with Astro and PayloadCMS, managing a junior developer on WordPress migration and presenting to institutional directors

ITKMITL TCAS (*System Maintainer*) <https://tcas.it.kmitl.ac.th>

Sep 2023 – Aug 2025

- Rescued non-operational admissions platform (500+ students) by delivering emergency Svelte rewrite in 2–4 weeks, eliminating 6+ years of technical debt (Vue 2, Node 12, Sequelize). Modernized to Next.js with hybrid SSR/CSR and Prisma ORM; built staff portal for application review and applicant management

Leadership & Activities

IT Experience Club (*Vice-President*)

Jul 2023 – Feb 2024

- Organized technology workshops for 200+ students including Python project-building workshops for first-year students

Junior Webmaster Camp 13 (*Programming Class Teaching Director, Frontend Developer*) <https://13.jwc.in.th/>

Jul 2024

- Instructed 48 selected high school students in advanced fullstack development and developer–designer collaboration
- Led frontend development team and created interactive camp website with engaging user experience

Education

King Mongkut's Institute of Technology Ladkrabang

Ladkrabang, Bangkok

- Bachelor of Science, School of Information Technology — Software Engineering Track. First Class Honours. GPA 3.68

2022 – 2026

Technical Skills

Ordered by what I reach for most, day to day.

Languages: Go, TypeScript, SQL, Python, JavaScript, Java, C#, C++

Backend: Kafka (Confluent, Avro), GraphQL, Gin, Fiber, Node.js, Elysia, Nest.js, Express, tRPC, Prisma ORM, .NET, Django

Databases: PostgreSQL, BigQuery, MySQL, MongoDB, MSSQL, Cassandra

Infrastructure: Docker/Kubernetes, Git, Linux, ArgoCD, Terraform, Vault, GCS, GrowthBook, Microservices architecture, Multi-datacenter deployment

Observability: Grafana, Prometheus/PromQL, PagerDuty, Loki

Frontend: React, Next.js, Tailwind CSS, Astro, Svelte, SvelteKit, HTML5, CSS3

Web3: Smart contract interaction, Bitcoin wallet integration, Web3.js/Ethers.js, DeFi protocols