

Aphirat Nimanussonkul

Senior Full-Stack Product Developer

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Full-stack Product Developer with 6+ years delivering fintech and financial platforms across mobile and web. Experienced across the full product lifecycle — from UX design and system architecture to deployment and data analysis. Known for bridging technical and human-centered perspectives, leading knowledge-sharing initiatives, and consistently raising quality standards through clean code, accessibility, and systems thinking.

EXPERIENCE

Product Developer | ODDS (ODT)

Feb 2020 – Present

- Lead product development across high-impact fintech domains: fund investment, wealth management, block trading, e-KYC, mobile banking, marketplace, and crypto trading platforms.
- Architect and implement full-stack solutions using React, React Native, Flutter, Golang, Node.js, Java, and cloud platforms (AWS, Azure, Kubernetes).
- Apply UX/UI design and usability principles to deliver intuitive, accessible financial products for retail and institutional clients.
- Drive code quality through automated testing, SonarQube, CI/CD pipelines, and microservices architecture.
- Mentor interns and junior developers; facilitate workshops and knowledge-sharing sessions within the engineering team.

Software Developer Intern | ODDS

Nov 2019 – Feb 2020

- Began full-stack developer journey building a Fund Investment application and a Market Maker web application using Vue.js and Settrade Open API.

KEY PROJECTS

Blocktrade System — React · Golang · FIX Protocol · RabbitMQ · Settrade / TFEX / IFIS Open APIs · UX/UI Design

- Designed the UX/UI and built a large-scale block trade execution platform for institutional clients, integrating FIX Protocol for secure financial messaging and multiple exchange APIs.
- Delivered highly efficient, user-friendly trading workflows adopted in live production.

Mobile Banking Application (Thai Farmers Bank) — Flutter · Dart · Golang · DOPA Identity Verification

- Built a full-featured mobile banking app for Thai farmers — registration & DOPA verification, account management, fund transfers, QR payments, cardless ATM withdrawals, and savings lottery.
- Integrated penetration testing practices to ensure security standards appropriate for a financial application.

Wealth Portfolio Management Platform — React · Node.js · PostgreSQL · Redis · Keycloak · Docker · Jenkins

- Built a comprehensive platform for financial advisors covering proposal management, portfolio creation, performance tracking, rebalancing, risk analysis, and tax efficiency tools.
- Implemented full test coverage with Jest and Playwright; managed deployments via Docker and Jenkins CI/CD.

Multi-Asset Trading Platform — React Native · Micro Frontend · Golang · Keycloak · Kubernetes · Java

- Developed a live multi-asset trading platform for stocks, mutual funds, and crypto using Micro Frontend architecture and BFF pattern, integrated with core banking systems.

Fund Investment & Crypto Trading Platform — Flutter · React · Golang · Kafka · Kubernetes · ArgoCD

- Built mobile and web apps for mutual fund investment and cryptocurrency trading, plus a backoffice platform for customer data management, fund operations, and onboarding.

Tax Saving Management System

2025

React · TypeScript · Node.js · PostgreSQL

- Built a web application for tax planning: simulate tax deductions via mutual fund investments and export plans for client presentations.

TECHNICAL SKILLS

Frontend

React, Next.js, Vue.js, Angular, Ionic, React Native, Flutter, Tailwind CSS

Backend

Node.js, Golang, Java, Python, TypeScript, SQL & NoSQL, Firebase, REST, FIX Protocol, SOAP

Cloud & Infra

AWS, Azure, Kubernetes, Docker, CI/CD, ArgoCD, Kafka, RabbitMQ, Redis, Keycloak

Tools

Git, Figma, Jira, Looker Studio, Power BI, SonarQube, Semgrep, Jest, Playwright, Cypress

Practices

UX/UI Design, System Thinking, Design Thinking, Microservices, Agile/Scrum, Data Analysis, HCAI, Accessibility

EDUCATION

Suranaree University of Technology

Jul 2016 – Jul 2020

Bachelor of Engineering — Computer Engineering · First Class Honors, GPA 3.98 / 4.00 · Scholarship Student

CERTIFICATIONS

AWS Certified Cloud Practitioner	Amazon Web Services	2021
Data Analytics Bootcamp (Batch 8)	Skooldio	2024
Human-Centered System Thinking	IDEO U	2023
Usability Design & Psychology for Digital Products	Skooldio	2023
UX Writing	Skooldio	2022
UXXL 2025 — Certificate of Participation	UXXL: User Experience Lisbon	2025

COMMUNITY & SPEAKING

- Workshop Host — System Thinking, ODDS Annual Conference 2024: facilitated hands-on sessions on problem mapping, causal loops, and redesigning complex systems.
- Speaker / Workshop Host — UXXL 2025, Lisbon: co-hosted Human-Centered AI Product Sprint, Product Voice, and Be Less Wrong workshops at the international UX conference.
- Mentor — AI Thailand Hackathon 2024 (NECTEC NSTDA): guided participant teams on UX/UI, user journey design, and data analysis.
- Speaker — AI Wave Event 2026 (ODT): shared AI tooling use cases for UX Writing, copywriting, and UI design analysis for product and marketing teams.
- Co-Instructor — React Native 101, Figma 102, Data Analytics, Financial 000: recurring internal instructor role covering frontend development, design systems, data skills, and personal finance.
- Speaker — Suranaree University of Technology orientation 2025: shared industry experience and career guidance to Computer Engineering students.
- Co-Instructor — Financial 000, Co-taught a personal finance class covering tax basics, beginner investing, and a hands-on financial goal-setting workshop.
- Workshop Host — Data Analytics for Interns, Co-hosted a 4-day data analytics class for interns and students from Harrow International School, covering end-to-end data skills.