

KITTITAT UPAPHONG

SENIOR FULL STACK SOFTWARE ENGINEER

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SKILLS

Full Stack Development
Microservices Architecture
React & TypeScript
Golang, Node.js
Elasticsearch
RabbitMQ
MongoDB
Cloud Architecture
CI/CD Automation

SUMMARY

Software Engineering Lead with over 10 years of experience spanning diverse domains including Web, Mobile, VR, and Blockchain. My career demonstrates a proven track record with industry giants like True Digital Group and PTTEP, as well as scaling high-growth startups like Zanroo from inception to Series-A funding. Currently leading a team of 7-10 developers, I am passionate about evolving traditional development workflows by integrating AI-driven architectures (MCP, Sub-agents) to maximize efficiency. I thrive in collaborative environments and am seeking to join a team of talented, positive-minded professionals where we can push technological boundaries together.

EXPERIENCE

Team Lead / Senior Fullstack Software Engineer, Bluebird IT Consult Co., Ltd., Bangkok Metropolitan Area

Oct 2024

- **Technical Leadership:** Led a team of 8, integrating **AI agents (AGENTS.md)** to modernize workflows and automate code reviews.
- **VR Simulation (PTTEP):** Developed an immersive oil rig training game using **Unity 6**, gamifying complex operational scenarios.
- **HR Platform (PTTEP):** Built a scalable employee management system using **Angular** and **Golang**.
- **Multi-Tenant CMS:** Architected a game top-up platform featuring **On-Demand TLS** and automated transaction bots.

Full Stack Software Engineer, Command See, Bangkok Metropolitan Area

Sep 2020 — Jul 2024

- **Enterprise Solution Delivery:** Co-founded a software agency and served as a lead contributor, delivering tailored software solutions for enterprise clients, including **True Digital Group** and **Maguro Group**.
- **Full-Cycle Development:** Managed end-to-end development lifecycles for key client projects, ensuring strict adherence to requirements, timelines, and code quality standards.
- **Technical Versatility:** Adapted to diverse tech stacks and client environments to deliver scalable web and mobile applications.

Senior Fullstack Software Engineer, True Digital Group, Bangkok Metropolitan Area

Feb 2021 — Dec 2023

- **Full-Stack Development:** Built scalable applications using **Java Spring Boot**, **Next.js**, **TypeScript**, and **PostgreSQL** deployed on **Kubernetes**.
- **DevOps & Quality:** Streamlined deployment via **GitHub CI/CD** and enforced code quality standards using **SonarQube**.
- **Global Collaboration:** Collaborated within an international Agile team, utilizing English for daily operations.

Frontend Software Engineer, Playbux, Bangkok Metropolitan Area
Apr 2022 — Mar 2023

- **Dapp Development:** Built a high-performance decentralized application using **Next.js** and **Tailwind CSS**.
- **Web3 Integration:** Implemented smart contracts and NFT transactions to enable blockchain interactions.
- **Interactive Gaming:** Developed engaging gameplay systems using **Phaser**.

Software Engineer, Revolution of Digital Employee Experience Co., Ltd., Bangkok Metropolitan Area
Jan 2021 — Apr 2022

- **HR Platform Development:** Built a cross-platform solution for employee engagement using **Flutter** (Mobile) and **Next.js** (Web).
- **Backend Architecture:** Designed scalable **Node.js microservices** (Molecular framework) utilizing **GraphQL** for real-time data synchronization.

Senior Software Engineer, Cochain, Bangkok Metropolitan Area, Thailand
Apr 2019 — Dec 2020

- **Blockchain Solutions:** Developed a crypto wallet using **Stellar** and **Firebase**, and a decentralized exchange (DEX) utilizing **Quorum** for multisig security.
- **Smart Contracts & DApps:** Authored **Solidity** smart contracts and built cross-platform interfaces using **React.js** and **React Native** with **Web3** integration.

Software Engineering Team Lead, Zanroo, Bangkok Metropolitan Area
Oct 2018 — Mar 2019

- **Strategic Leadership:** Promoted to Team Lead to oversee **CRM system architecture**, ensuring scalability and cross-functional alignment.
- **Team Management:** Led sprint planning and mentored developers, establishing **best practices** and rigorous **code reviews** to enhance delivery quality.

Software Engineer, Zanroo, Bangkok Metropolitan Area

Jun 2016 — Sep 2018

- **Microservices Architecture:** Designed a robust system using **Node.js**, **MongoDB**, **Elasticsearch**, **Redis**, and **RabbitMQ** to handle massive volumes of real-time social media data (Facebook/Twitter).
- **Intelligent Automation:** Engineered an automated ticketing system with advanced algorithms for efficient task distribution.
- **Fullstack Contribution:** Developed an influencer analytics dashboard using **Meteor.js** and **React.js**, deployed via **Docker**.

Backend Web Developer, GOOPA Inc., Bangkok Metropolitan Area

Jan 2015 — May 2016

Full Stack Development: Collaborated with a **Japanese team** to develop 'Crowdrive' (crowdfunding platform) using **ASP.NET MVC** and **AWS**, and built mobile game web apps using **PHP Laravel**.

System Analyst, IT One, Bangkok Metropolitan Area

Apr 2014 — Dec 2014

CRM System Analyst: Developed and maintained software for **SCG** using **ASP.NET** and **ABAP**, coordinating requirements with clients and internal teams.

EDUCATION

Kasetsart University, Bachelor Degree in Computer Engineering, Thailand

2010 — 2014

- GPA: 3.17

CERTIFICATIONS AND LICENSES

- **TOEIC Score: 825** (Professional Working Proficiency)
- **Yamaha Music Foundation Grade 5** (Fundamentals & SKPC) — Certified Instructor Level

WEBSITES AND SOCIAL LINKS

Linkedin: <https://www.linkedin.com/in/kittitat-upaphong>

Profile: <https://www.bytat.dev>