

Panuwat Suwanritdej

SOFTWARE ENGINEER

Professional Summary

Software Engineer with 6+ years of experience building scalable full-stack and data-driven systems. Specialized in enterprise applications, high-performance APIs, and system architecture, with strong experience in React, Next.js, Node.js, GraphQL, and cloud-based deployments. Proven ability to translate complex business requirements into reliable, maintainable, and high-impact software solutions.

WORK EXPERIENCE

Senior Software Engineer / Kiatnakin Phatra Financial Group

Jul 2026 - Present (Contract)

- Designed and developed data-driven back-office systems to support Sales and Relationship Managers in analyzing investment portfolios and customer behavior, improving the accuracy of client recommendations.
- Built and maintained enterprise-grade full-stack systems using Next.js, TypeScript, Golang, and Payload CMS, supporting complex business logic and high data accuracy requirements.
- Developed APIs and system architecture with a strong focus on performance, security, and long-term scalability, suitable for financial industry standards.
- Designed and optimized PostgreSQL and MongoDB databases to ensure stable processing and retrieval of customer insights.
- Established a centralized Design System and collaborated closely with UX/UI and Business teams to ensure consistency and accelerate product development.

Software Engineer / SKY ICT

Jan 2023 - Jun 2025

- Developed and maintained full-stack enterprise applications using React, Next.js, NestJS, GraphQL, TypeScript, and TailwindCSS, supporting complex internal business workflows.
- Designed and optimized backend services and APIs using Node.js, Fastify, and microservice architecture with a focus on performance, reliability, and maintainability.
- Owned SQL and NoSQL database design and optimization, ensuring data consistency and efficient data access across services.
- Built real-time dashboards for employee tracking and operational monitoring, enabling more efficient management and decision-making.
- Took ownership of code quality and system stability through code reviews, technical guidance, and continuous refactoring.
- Contributed to improving deployment reliability and development workflows, collaborating in Agile sprints and cross-functional teams.

Full-stack Developer / Soilfish

Apr 2020 - Dec 2022

- Collaborated with the team to plan project development based on clients requirements.
- Developed websites and applications using project-specific technology stacks.
- Wrote unit tests for functions and components to ensure code quality and proper functionality.
- Worked in an agile development environment

INTERNSHIP EXPERIENCE

Web Developer / Sphere Agency

Year 2020

- Gathered requirements from clients to understand project needs and specifications.
- Developed and maintained responsive websites using WordPress.

SELECTED PROJECTS

Hopdate – Realtime Event Platform

- Led end-to-end development of a real-time event platform, delivering interactive user experiences at scale.
- Designed and owned real-time system architecture and data flow to ensure reliability and smooth event operations.
- Built and maintained CI/CD pipelines and cloud deployments, improving system stability and scalability.

Mitsubishi Electric - Interactive AI Event (Awakening Bangkok 2025)

- Built an AI-driven interactive system that generates personalized music videos (MV) by combining AI video generation and AI audio synthesis based on user inputs.
- Designed the end-to-end generative media pipeline, from user interaction to automated rendering and final output, optimized for event-scale usage.

CONTACT

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Portfolio:

sho-portfolio-322.web.app

EDUCATION

2010 -2016

Suankularb Wittayalai Thonburi

2016 - 2020

School of Science and Technology, Computer Science Bangkok University

TECHNICAL SKILLS

Frontend: HTML, CSS, SCSS, JavaScript, TypeScript, React.js, React Native, Next.js, Vite, Tailwind, Bootstrap, Ant Design, MUI

Backend: Node.js, NestJS, Laravel, GraphQL, Grpc, Fastify, Microservice, Golang

Database: PostgreSQL, MySQL, MongoDB, Redis

Tools: Git, GitHub, Jest, Docker, JIRA, Figma, WordPress