

PONGCHANOK NUAMTEAM

Senior Full-Stack Developer

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SUMMARY

Senior Full-Stack Developer who builds products grounded in **SOLID principles** and proven **design patterns** — engineering codebases that scale safely and stay stable in production. **Led** a 3-engineer team end-to-end from discovery to production deployment; **architected** a Smart Building IoT platform now serving **3 B2B clients** (API **~8s** → **~2s**, -33% backend load) and **shipped** a multi-vendor BLE healthcare app on **Google Play & App Store**. Seeking a Senior Full-Stack role to deliver products with **engineering rigor, security, and operational stability**.

WORK EXPERIENCE

Senior Full-Stack Developer • BPS Technology

Apr 2026 – Present

React • React Native • TypeScript • Redux Toolkit • Express • MySQL • Prisma • JWT/OAuth • BLE • SSE

- ▶ **Zyta Smart Building Platform** — Rescued outsourced legacy code; rebuilt FE+BE into a production IoT monitoring system now serving **3 B2B clients**. Cut worst-case API latency **~8s** → **~2s**; reduced API calls **~33%** via dedup & caching. Streamed real-time data (meters, sensors, CCTV, LPR, face recognition) via **SSE**.
- ▶ **Care Giver Healthcare App** — Modernized legacy React Native app; launched on **Google Play & App Store**, unlocking a new B2C revenue line. Integrated multi-vendor IoT health devices (BP, glucose, body fat, etc.) via **BLE**; partnered directly with CEO on device validation.
- ▶ Hardened APIs with **JWT guards, rate limiting, obfuscated URLs**; built reusable UI component library & design tokens.

Senior Full-Stack Developer • Prime Media Co., Ltd.

Oct 2025 – Feb 2026

Next.js • Elysia (Bun) • PostgreSQL • Prisma • Docker • GitLab CI/CD • GCP

- ▶ **Discovery Influencers Platform [Senior]** — **Led a 3-person team** end-to-end from discovery to deployment. Built scalable backend for KOL/KOC discovery, campaign matching, reporting, and role-based admin queue.

Full-Stack Developer • CREaiVE.ai

Jul 2024 – Oct 2025

Next.js • React • Tailwind • MongoDB • AWS EC2 • GitHub Actions • OpenAI LLM • RAG • Vultr • Kubernetes • Firebase

- ▶ **CMS Platform** — Initiated & led project from architecture design; built secure CMS with auth + automated GitHub Actions CI/CD to AWS EC2; optimized SEO & performance.
- ▶ **AI Human @ Food & Hospitality Thailand 2025** — Full-stack AI assistant on an **86" Holovue holographic display** combining OpenAI LLM + custom RAG pipeline.
- ▶ **Really Cool Airlines Chatbot** — Realistic AI avatar chatbot deployed on Vultr Cloud.
- ▶ **E-Commerce Marketplace** — Containerized full-stack platform (Next.js + Express/Bun + **Kubernetes**) using repository-service pattern.
- ▶ **IPPS Payment Solutions Website** — Built marketing site for a BOT-licensed payment provider (React + Tailwind + Firebase Hosting).

AI Researcher & Teaching Assistant • KMUTT

2021 – 2024

- ▶ **PPE Detection** — Computer-vision system with **Panasonic Singapore** to detect construction workers without safety equipment.
- ▶ **Tele-Rehabilitation ASR** — Wav2Vec2-based speech recognition with **NSTDA** for patients with laryngeal damage.

EDUCATION

King Mongkut's University of Technology Thonburi (KMUTT) — M.Eng. Electrical Engineering

2021 – 2025

King Mongkut's University of Technology Thonburi (KMUTT) — B.Eng. Electronics & Telecommunication

2017 – 2021

SKILLS

Frontend: React • Next.js • React Native • TypeScript • Tailwind CSS • Three.js

Backend: Node.js • Express • Elysia (Bun) • **Go (Golang)** • Flask • Django • Java Spring Boot

Database: PostgreSQL • MySQL • MongoDB • Prisma

AI/ML: Python • PyTorch • Pandas • NumPy • Torchaudio/Vision • MLflow • TensorBoard • OpenAI LLM + RAG

DevOps & CI/CD: Docker • Docker Compose • Kubernetes • **GitHub** & GitHub Actions • **GitLab** & GitLab CI/CD • Shell Script • SlurmScript (HPC)

Cloud: AWS (EC2, S3) • GCP • **Firebase** • Vultr • Digital Ocean

Other: Elasticsearch • BLE / IoT integration • SSE • LINE Developer Tools