

Palakorn Voramongkol

Senior Full Stack Developer · Technical Team Lead · Data Engineer

CONTACT

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TECHNICAL SKILLS

Languages & Frameworks

Java · Spring Boot · J2EE
Node.js · TypeScript · JavaScript
Python · RUST
React · React Native · Next.js
PHP

Databases

PostgreSQL · MySQL · Oracle
SQL Server · MongoDB
Redis · Neo4j · Couchbase
Elasticsearch

Infrastructure & DevOps

Docker · Nginx · PM2
Linux · Apache · Pulsar
Azure · Cloud / Auto-scaling
CI/CD · Prometheus · Grafana

Architecture & Design

Microservices · REST APIs
Data Pipelines & ETL
Software & DB Architecture

Tools & Methods

Jira · Scrum · Waterfall
Git · Selenium · Power BI
Apache Spark · Kafka

EDUCATION

Master of Science

Georgia State University
Atlanta, GA, USA

Bachelor of Science

Chulalongkorn University
Bangkok, Thailand

LANGUAGES

English — Full Professional
Thai — Native Speaker

PROFESSIONAL SUMMARY

Senior Full Stack Developer and Technical Team Lead with 20+ years of experience delivering complex IT systems for enterprises across Southeast Asia and international markets. Proven expertise in architecting scalable microservices, leading cross-functional development teams, and managing full project lifecycles from requirements through deployment. Strong background in data engineering, B2B platform development, and cloud infrastructure.

WORK EXPERIENCE

Senior Lead Full Stack Developer

Dec 2025 – Present

Moonholidays.com · Bangkok, Thailand

Led full-stack development of a B2B Online Travel Agency (OTA) platform enabling travel agents and sub-agents to search, book, and manage travel products through a white-label distribution network.

- ▶ Architected multi-level agency hierarchy with cascading markup rules, credit limit management, and real-time balance tracking
- ▶ Developed hotel booking module with real-time availability aggregation from Hotelbeds, Agoda, and Expedia Partner Solutions
- ▶ Implemented dynamic pricing engine: supplier base rate → platform markup → master/sub-agent markup with promotional and seasonal overrides
- ▶ Built white-label system allowing each agent to deploy a branded portal from a single codebase with tenant-specific configuration

Stack: React SPA · Node.js microservices · PostgreSQL · Redis · Elasticsearch · Cloud auto-scaling · CDN · CI/CD

Asia Web Development Manager

Jan 2024 – Nov 2025

GreenYellow Co., Ltd. · Bangkok, Thailand

- ▶ Maintained and enhanced the Solar PV Monitoring System, ensuring security, stability, performance, and scalability
- ▶ Designed and implemented robust web application architecture with backup, recovery, and high-availability strategies
- ▶ Optimized React.js, Node.js, PHP, Rust, and MySQL components — improved scalability and performance by 35%
- ▶ Shortened disaster recovery time from 6 hours to 2 hours through automated backup strategy
- ▶ Led and mentored web development teams; reduced issue resolution times by 25%
- ▶ Designed CI/CD pipelines to automate testing, deployment, and monitoring workflows

Full Stack Developer (Freelance)

May 2019 – Dec 2024

CERTIFICATIONS

Azure Data Engineer

Udacity · Aug 2024

Microsoft Certified Trainer

MCT · Apr 2006

Sun Certified Java

Programmer · May 2002

MCSD · MCDBA · MCSE

Microsoft Certified · 2000

Independent Consultant · Bangkok, Thailand

- ▶ Azure System Integration & Architecture: designed Azure-based architectures for distributed systems
- ▶ Insurance Matching Platform: built AI-powered matching engine using ChatGPT, Python, and Neo4j graph database
- ▶ Machine Learning Microservice: predictive modeling for real-estate customer behavior using click-event analysis
- ▶ Marketplace Platform for Legal Professionals: high-scale platform for thousands of concurrent users with robust fault tolerance
- ▶ High-Availability Infrastructure: MySQL Clusters, Couchbase, PM2, Pulsar, Redis, Nginx Clusters, Apache, Docker
- ▶ Server Monitoring: implemented Prometheus + Grafana real-time observability and alerting

Software Product Manager

Apr 2015 – Mar 2019

Heroleads Thailand Co., Ltd. · Bangkok, Thailand

- ▶ Managed development teams of 6 in Vietnam and 6 in Thailand; defined project scope, goals, and deliverables with C-suite
- ▶ Designed full application architecture: UI, database, and system from business requirements to deployed solutions
- ▶ Configured cloud infrastructure of 20 servers: MongoDB, MySQL clustering, application server clustering, Redis cache
- ▶ Developed Salesforce integration and managed Scrum delivery lifecycle using Jira

Project Manager

Oct 2012 – Feb 2015

IBM Thailand Co., Ltd. · Bangkok, Thailand

- ▶ Managed Control-M Batch Scheduler implementation for KBank (Kasikorn Bank)
- ▶ Served as process specialist for audit and control of software development at Kasikorn Bank
- ▶ Conducted product design reviews across the SDLC; communicated effectively between business and engineering teams
- ▶ Evaluated automated testing tools covering database impacts, regression, and negative testing scenarios

Assistant Vice President

Jul 2007 – Sep 2012

Thai Transmission Industry Co., Ltd. · Bangkok, Thailand

- ▶ Managed project teams, hardware and software vendors for 200M THB budgets across government IT contracts
- ▶ Led Cargo Management System implementation for Suvarnabhumi Airport; RFID solutions for Thailand Post
- ▶ Developed and implemented MIS policies and IT strategic roadmaps aligned with group business strategy

Principal Analyst Programmer

Jan 2002 – Apr 2006

DST International Co., Ltd. · Bangkok, Thailand

- ▶ Defined architectural standards and best practices; led architecture focus groups as subject-matter expert
- ▶ Developed Java / Spring / J2EE / OOP applications; managed WebLogic 6 and Solaris 8 environments
- ▶ Maintained architecture diagrams, data models, and navigation maps; provided SQL, Oracle, and WebLogic support

System Engineer

Apr 1994 – Feb 1997



NCR Thailand Co., Ltd. · Bangkok, Thailand

- ▶ Administered Oracle Database, Unix System V, and a 150-computer TCP/IP network environment
- ▶ Developed programs in C and Pro*C; administered SQL Server for the software development team
- ▶ Trained all member banks in Thailand on the Electronic Check Clearing System of the Bank of Thailand