

Thanapurt Sopon

Full Stack Developer

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Summary

Full-Stack Developer with 2 years of hands-on experience building and deploying end-to-end systems, covering database design, frontend, backend, and infrastructure. Developed enterprise solutions including Single Sign-On (SSO), data analytics dashboards, and IoT temperature monitoring systems integrated with hardware. Experienced in real-world deployment and system maintenance, with strong interest in scalable system design and continuous learning.

Experience

American-European Products Data Analyst & Programmer	Aug 2024 – Present
- Designed and implemented a JWT-based Single Sign-On (SSO) system integrating multiple legacy systems, significantly improving user experience and reducing authentication complexity. - Developed a real-time Sales Performance platform, reducing data preparation time from 20–60 minutes to under 2 minutes, enabling faster decision-making. - Built a Forecast System to manage product reservations, increasing transparency across teams and reducing stock imbalance issues. - Created a centralized document management system for regulatory files, drastically reducing document search time and improving operational efficiency. - Developed an internal task tracking system for sticker requests, ensuring process visibility and preventing missed operations.	

Project

IoT Temperature Monitoring System

- Built an end-to-end IoT system including hardware integration, backend services, and frontend dashboard. - Designed real-time data processing using RabbitMQ with Golang and Python. - Developed a real-time monitoring dashboard using React for live sensor visualization and system status monitoring. - Deployed and maintained system on Linux servers using Docker. - Successfully deployed and currently used by real customers.

Tech: React, Golang, Python, PostgreSQL, RabbitMQ, Docker, N8N, Linux

Point-of-Sale (POS) System

- Developed a full-stack POS system including frontend, backend, and database design. - Built scalable web application using Next.js and React. - Designed backend services using Golang and Python with PostgreSQL. - Implemented messaging and background processing using RabbitMQ. - Deployed on Linux servers and AWS infrastructure, currently used by real customers.
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Tech: Next.js, React, .NET (C#), Python, PostgreSQL, RabbitMQ, Docker, N8N, AWS

Skills

Frontend: React, Next.js, JavaScript, TypeScript Backend: Golang, Python, .NET (C#), REST API Database: PostgreSQL, MySQL, SQL Server, Redis Messaging & Integration: RabbitMQ, Kafka, N8N DevOps & Infrastructure: Docker, AWS, Linux Server, Nginx, Cloudflare, SSL/TLS, Grafana, Uptime Kuma	Tools: Git, Postman, Figma Expertise: Full-Stack Development, System Integration, Business Systems Development, Database Design, Cloud & DevOps
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Education

Khon Kaen University	2020-2024
Statistical Information and Data Science faculty of Science	