

SONSAWAN NGAMSOM

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Professional Summary

Curious and enthusiastic Junior Backend Engineer with hands-on experience in Go, Java, cloud technologies, and backend system design gained through ambitious personal projects. Passionate about exploring new technologies, solving real-world challenges, and constantly expanding my technical skill set. In my personal projects, I've focused on applying principles of scalable microservice architecture, integrating databases, and deploying robust systems using cloud platforms and CI/CD pipelines. I'm excited to join a collaborative team in fintech or enterprise environments, eager to contribute, learn rapidly, and implement innovative solutions that enhance software reliability and performance.

Work Experience

ONIFY TECH — Full Stack Software Developer (Dec 2023 – Apr 2025)

- Built a multilingual e-commerce backend integrated with Odoo ERP, enabling real-time inventory tracking and streamlined order processing for 100+ items.
- Developed backend APIs for a two-sided booking platform using Supabase (PostgreSQL), enabling real-time bookings, notifications, and availability tracking across user types.
- Re-architected a monolithic budgeting system into containerized microservices on AWS ECS, adding RBAC and audit logging, which improved scalability and system modularity.

AWS — APAC Solutions Architecture virtual experience program on Forage (May 2025)

- Designed a simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

Volunteer GenAlumni - Generation Thailand — Bangkok, Thailand Alumni & MERN Stack Mentor (Dec 2023 - Feb 2024)

- Provided mentorship and guidance to learners on the MERN Stack (MongoDB, Express.js, React.js, Node.js).
- Shared technical insights, answered questions, and offered practical assistance to help individuals navigate complex concepts.
- Empowered learners to develop their MERN Stack skills for project development through ongoing support and encouragement.

Professional Projects

TaytThreads – Secondhand Fashion E-Commerce Platform (Ongoing), Driven by passion for sustainable fashion

- Microservices architecture: Spring Boot & Go (Gin) for backend services, ReactJS frontend, and PostgreSQL database – enabling independent scaling and faster development
- AWS cloud stack: Amplify (gen 2), Cognito, RDS, S3, API Gateway, ElasticBeanstalk, Lambda, Elasticsearch
- Project management: Agile development tracked in Jira (sprints, issue/task management) with code organization on GitHub
- CI/CD: Automated pipelines via GitHub Actions to streamline building, testing, and deploying services across the platform.
- Features implemented: Secure user authentication (registration/login flows) and item listing.
- In progress: Developing shopping cart functionality, seller item upload interface, and payment gateway integration.
- Links: Website (staging): [TaytThreads](#) | GitHub: [TaytThreads Repo](#) | Jira: [TaytThreads Board](#) | Project workflow: [Notion](#)

EirCare ([GitHub](#)): Patient management system

Java Spring Boot and microservices architecture for scalable patient record handling, secure authentication, and medical data processing, streamlining healthcare management workflows.

Chirps ([GitHub](#)) ([API doc](#)): Backend chat board using Go standard library

Developed a backend chat board using pure Go, optimizing real-time message handling, concurrency, and low latency, designed to enhance seamless user communication.

Skills

- **Languages:** Java, Go, Python, JavaScript/TypeScript, C
- **Cloud & DevOps:** AWS, Docker, CI/CD (Github action)
- **Frameworks & Tools:** Spring, Spring Boot, Hibernate & JPA, GIN, GORM, React.js, JUnit
- **Databases:** PostgreSQL, MySQL
- **Other:** RESTful APIs, gRPC, Microservices Architecture, OOP, Git, Linux, Data Structures & Algorithms, SDLC, Shell

Education

Sukhothai Thammathirat Open University (Thailand) — *B.Sc. in Computer Science*, Expected Jan 2026
Naresuan University (Thailand) — *B.A. in Business Economics & Communication*, Oct 2020

Additional Information

- Languages: Thai (fluent), English (intermediate), German (basic)
- Research: Explainable-AI with Health Care