

NANTHACHAI INTARPRADIT

Back-End Developer

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PROFESSIONAL PROFILE

Software developer specialized in microservice architecture and back-end development. Experienced in Domain-Driven Design implementation, API development, and database optimization. Skilled in creating scalable and maintainable systems with focus on performance and code quality.

EXPERIENCE

Junior Back-End Developer - Golang

GridWhiz Co. Ltd, Huai Khwang, Bangkok

July 2024 – May 2025

- *Migrated:* 12+ microservices to gRPC reducing inter-service communication latency and increasing overall system throughput.
- *Applied Domain-Driven Design:* principles to restructure 4 core business domains, reducing code complexity and improving maintainability scores in code reviews.
- *Participated in designing:* 50+ new API endpoints across 8 sessions, helping ensure stable integration.
- *Developed:* comprehensive gRPC Swagger documentation for all services, reducing onboarding time for new developers.
- *Created:* 150+ unit tests across all architectural layers, increasing code coverage up to 80-95%
- *Optimized:* database queries and implemented caching strategies, reducing average API response time.
- *Collaborated:* with 3 cross-functional teams to identify core business concepts, resulting in 5 reusable service components now used across the organization.
- *Developed:* a payment gateway integration supporting multiple providers.

Back-End Developer & Tester

PEA headquarters, Chatuchak, Bangkok

November 2023 – March 2024

- *Developed and Participated:* in bidding system and budget calculation system that reduced manual errors and reporting time.
- *Designed and implemented:* APIs for construction project management system using Hexagonal Architecture, improving maintainability.
- *Identified and documented:* critical bugs in the CPM system, improving overall system stability.
- *Participated:* 4 user requirement gathering sessions for Operating Budget Management system, collecting 35+ unique user stories that shaped the final product.

TECHNICAL SKILLS

Languages & Technologies: Golang, C++, JavaScript, gRPC, REST, WebSocket, Kong Gateway, K6

Databases & Data Systems: MongoDB, ScyllaDB, SQL, Redis, Elasticsearch, Kafka

Methodologies & Practices: Domain Driven Design, Microservice Architecture, TDD, Design Patterns, Data Flow Diagrams, Database Normalization

Tools: Git, Docker, Postman/Insomnia, ClickUp, Fork, Source Tree

EDUCATION

Bachelor of Science in Computer Science - Rajamangala University of Technology Suvarnabhumi (2020-2024)