Nanthachai Intarpradit

Back-End Developer

SUMMARY

Hello, my name is Nantachai. With experience in software development, includes microservice architecture design, web application development, artificial intelligence (AI), and image processing. Possesses a deep understanding of web technologies and database design, with proficiency in back-end development using domain-driven design (DDD) principles. Additionally, has hands-on experience in deploying applications in production environments

RELEVANT WORK EXPRIENCE

GridWhiz Co. Ltd, Huai Khwang, Bangkok
Research, and development of power engineering & IT solutions

Junior Back-End Developer
Golang Programmer   July 2024 – Present

- Led the migration and development of all microservices and composite services to the gRPC protocol, enhancing communication efficiency and performance across the system.
- Actively participated in API design sessions, ensuring that services were robust, scalable, and aligned with business requirements. Contributed to the development of new features to meet evolving needs.
- Developed detailed and user-friendly gRPC Swagger documentation for all services, improving clarity and facilitating collaboration among development teams.
- Prioritized scalability, security, usability, and performance throughout the development lifecycle, ensuring long-term system growth and reliability.
- Implemented efficient algorithms, data structures, and seamless database integrations to optimize system performance and reduce latency, contributing to faster and more reliable services.
- Applied Domain-Driven Design principles to model and structure the system, ensuring that the business domain was well-represented in code. Collaborated with cross-functional teams to identify core business concepts and translate them into scalable, maintainable microservices.
- Designed bounded contexts and aggregates to ensure clear service boundaries and enhance the system's flexibility and long-term scalability.

PEA headquarters, Chatuchak, Bangkok
Develop a bidding system & calculate the organization's budget system.

Internship Back-End Developer, Tester   November 2023 – March 2024

- Fixed and developed the large construction project management system (CPM) in the API using Hexagonal Architecture and database following the sprint backlog, then deployed to the server.
- Test the large construction project management system (CPM) according to existing business flow and TMC and make a test report and send to the company for correction.
- Participate in designing the operating budget management system.
- Participate in collecting users requirement of the Operating Budget Management system.

CONTACT

- Pathum Thani, Thailand
- +66 80 940 7678
- nanthachai.safecs07@gmail.com
- https://nanthachaics07.github.io /cs07-portfolio/

SKILLS

Technical Skills & Software:

- Golang
- JavaScript
- C++
- Python
- NodeJS
- gRPC
- REST
- SQL
- MongoDB
- ScyllaDB
- Kafka
- Redis
- Elasticsearch
- Docker

Design Methodologies:

- Domain Driven Design
- Data Flow Diagrams
- Microservice
- Design Patterns
- Database Normalization
- TDD

Tools & Services:

- Git
- Postman, Insomnia
- ClickUp
- Fork, Source Tree

EDUCATION

Computer Science
Rajamangala University of Technology Suvarnabhumi
2020 - 2024

OTHER

Languages:

- Thai (Native)
- English (Conversational)

PROJECTS

Final Project RMUTSB, Ta Sai, Nonthaburi
Drowsiness detection system for driver

Image Processing   July 2023 – October 2023

- Collect facial data, including photos or clips, under varying light conditions to accurately locate each facial landmark for AI training, and to test the sound alert.
- Collect notification data for each condition and perform Linear Regression (k-means clustering) each time to determine the average.

CERTIFICATES

Webpage Web-editor Diploma
Secondary Educational Service Area Office

Cabling & Networking contest #9
LINK American Standard

Website application and development course | Thai MOOC:LMS
Web application and Development (7 hours of learning)