

TRẦN NHỰT ANH - Software Engineer (Golang)

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github.com/accesable • leetcode.com/u/accesable

I am looking forward to being a Software Engineer in the future. Eager to learn latest technologies. I am now confident in Python (FastAPI), Java (Spring) for backend development and JavaScript (ReactJS) for frontend web user development. Now I want to extend to Golang as its interesting programming philosophy

SKILLS

Programming Languages: Go (Golang), Java, Python, JavaScript

Documentations: Markdown, Postman, Swagger

Software Engineering: Algorithms & Data Structures (Entry-level), OOP, Design Pattern, Restful-APIs Design, Microservices, Linux

Deployment: Docker, AWS

Persistences: MySQL, MSSQL, MongoDB, Redis

Backend Frameworks: Spring, Gin

LANGUAGES

English (7.0 IELTS) (Professional working proficiency)

PROJECTS

Ecommerce APIs Systems

Jun 2024 - Jul 2024

- **Overview:** Developed a microservices-based ecommerce platform designed for efficient product management, including handling products, orders, and user authentication.

- **Technologies:** Go (Golang), Gin, SQLC, Gorm, MySQL, JWT

Features/Functionalities:

- Product Service:
 - Utilized Go's standard library for handling HTTP requests and responses, ensuring lightweight and efficient service management.
 - Created a **file-stream server** to handle static content storage such as product images, providing scalable image management. Used **SQLC** for efficient database querying with **MySQL** as the primary data storage for business logic.
- Order Service:
 - Implemented using **Gin** framework for fast API routing and request handling. Managed business-critical transactions related to customer orders.
- Auth Service:
 - Integrated **JWT authentication** to secure APIs, ensuring only authorized users have access to the system. Used Gorm to manage user-related data and handle secure database operations.

Point Of Sale Spring Application

Nov 2023 - Dec 2023

- **Overview:** Developed a comprehensive Point of Sale (POS) system to streamline retail operations by providing efficient sales processing, inventory management, and customer management.

- **Technologies:** Java, Spring Boot, Hibernate, MySQL, ReactJS, JWT, Docker

Features/Functionalities:

- Backend:
 - Developed RESTful APIs using **Java Spring Boot** for handling sales transactions, inventory updates, and customer management.
 - Utilized **Hibernate ORM** to simplify database interactions with MySQL, ensuring smooth and efficient data management.
 - Integrated **JWT authentication** to secure access to the platform, protecting sensitive data such as customer information and sales records.
 - Implemented an **email service** for account confirmation and user notifications, enhancing user engagement and security.
- Frontend
 - Built a web interface using **ReactJS**, allowing real-time interaction with backend APIs for sales processing and inventory tracking.
 - Integrated **Material UI** to create an intuitive UI for users.
- Deployment
 - Containerized the application using **Docker**, ensuring a seamless deployment and environment isolation. Deployed on **Render.com**, providing scalable and reliable hosting for the application.
- Youtube Demo: [YouTube Demo](#)

CERTIFICATIONS

Go (Basic) (Credential ID: 499dc65d5abf)  by HackerRank

Jun 2024

EDUCATION

Bachelor

Ton Duc Thang University

Nov 2021 - Sep 2025

GPA: 7.29/10