

Pham Huy Duc

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ABOUT ME

Coffee, coding, and problem-solving are my passions. I love using Golang for its simplicity and ease in building large systems.

WORK EXPERIENCE

Backend Developer

Jun 2023 - June 2024

DOIT Solutions, Vietnam

- ✓ Designed and structured a production optimization system for a biology lab using Domain-Driven Design (DDD).
- ✓ Implemented Redis caching and task scheduling for background processes.
- ✓ Developed a real-time error tracking and notification system.
- ✓ Collaborated closely with frontend developers using Vue.js to ensure seamless integration.

Intern

Mar 2023 - Jun 2023

DOIT Solutions, Vietnam

- ✓ Contributed to warehouse management feature design and implementation for an agricultural enterprise.
- ✓ Developed frontend features using Vue.js and built RESTful APIs with Gin.
- ✓ Optimized database queries with Gorm and MySQL to improve system performance.
- ✓ Wrote unit tests and created command-line tools for backend support.

HONORS & AWARDS

- ✓ Third place in the Lam Dong startup competition for developing a software to manage biology lab processes.

SKILLS

Programming Languages

- ✓ **Golang**: Extensive experience building backend systems and RESTful APIs.
- ✓ **Vue.js**: Built dynamic user interfaces for web applications.
- ✓ **Gin**: Developed secure and high-performance web services.
- ✓ **MySQL**: Designed, optimized, and managed databases for production environments.

Tools & Technologies

- ✓ **Redis**: Implemented caching for efficient task processing and reduced latency.
- ✓ **Gorm**: Optimized complex database queries for higher performance.
- ✓ **Git**: Version-controlled projects with an emphasis on collaboration.

CERTIFICATIONS & AWARDS

- ✓ Third place, Lam Dong startup competition (2023)
- ✓ Certification Link: [Blockchain Asset on PeraWallet](#)