

DANG DUY QUANG

Full stack Developer - Go, React

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[Portfolio](#)

SUMMARY

Full-Stack Developer with expertise in building scalable and concurrent systems using Go, and experience in optimizing database performance. Proficient in leveraging AI and machine learning technologies to drive business value, with a strong background in delivering production-ready features across the full development lifecycle.

TECHNICAL SKILLS

Languages : Go (Golang), TypeScript, Java, Python, SQL

Frontend : React, TypeScript, Vite, Tailwind CSS, Redux Toolkit

Backend : Go services, FastAPI, Java Spring Boot, REST APIs, Flask

Databases : PostgreSQL, MySQL, Redis

DevOps/Infra Docker, Docker Compose, Nginx, CI/CD (GitHub Actions)

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Security : JWT, OAuth, RBAC, SBOM, Grype, Syft

PROFESSIONAL EXPERIENCE

Software Engineering Intern - Full-Stack Developer (Go & React) | iSeeWaves, Pakistan (Remote) October 2025 - January 2026

- Designed and developed concurrent backend services in Go to optimize system performance and responsiveness.
- Implemented AI-driven vulnerability scanning and risk analysis using Go and Python, leveraging SBOM ingestion and Redis caching for improved efficiency.
- Built and optimized REST APIs with JWT-based authentication and organization-RBAC, ensuring secure and scalable data exchange.
- Developed React + TypeScript frontend components to visualize complex system data and scan results, utilizing Playwright-inspired rendering techniques for enhanced user experience.
- Utilized Docker, Nginx, and CI/CD pipelines to maintain and deploy Linux-based systems, ensuring seamless and efficient deployment processes.
- Applied asynchronous workflows using Kafka, scheduled workers, and Server-Sent Events (SSE) to enhance system scalability and concurrency.

Tech Stack: Go, React, TypeScript, FastAPI, PostgreSQL, Redis, Kafka, Docker, Nginx, GitHub Actions

Java Developer Intern | Can Tho Radio & Television Station - THTPCT, Vietnam May 2024 - September 2024

- Built a role-based content management system with approval workflows, leveraging Java Spring Boot and REST APIs for efficient data exchange.
- Developed backend services and integrated MySQL and Firestore for data storage, focusing on database optimization and performance.

- Collaborated with team members to deliver internal web applications, emphasizing the importance of concurrent development and testing.

Tech Stack: Java Spring Boot, React, REST APIs, MySQL, Firestore

PROJECTS

Personal Portfolio Website (portfolio-showcase-william.vercel.app/) March 2025 - Present

Designed and built a personal portfolio website showcasing projects, code samples, and contact information, utilizing React and TypeScript for a seamless user experience.

E-commerce website - Go

- Integrated AI-assisted ordering via a Vertex AI chatbot, leveraging Go concurrency for efficient function calling and TensorFlow for intelligent product search.
- Implemented AI-based review moderation and sentiment analysis, utilizing machine learning techniques for enhanced user experience.
- Applied role-based access control and secure user authentication, focusing on database optimization and performance using PostgreSQL and AWS RDS.
- Utilized Docker and GitHub Actions CI/CD for seamless deployment on Linux, ensuring efficient and scalable system operations.

Status: About to be deployed on Linux using Docker and GitHub Actions CI/CD, with backend on AWS EC2 and PostgreSQL on AWS RDS.

EDUCATION

Diploma in Software Development | Can Tho FPT Polytechnic, Vietnam

2025

GPA: 3.81/4.0

CERTIFICATIONS

IELTS Certification - Band: 7.5 | IDP

2023

R-8.5, L-8.0, W-7.0, S-6.5