NGHIA NGUYEN

SENIOR BACKEND DEVELOPER

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SUMMARY

As a Senior Backend Developer, I excel in building scalable, efficient, and maintainable backend systems using Go. I'm skilled in designing and implementing RESTful APIs, microservices architecture, and concurrent programming. With a strong understanding of software development best practices, including testing, code review, and documentation, I collaborate effectively with cross-functional teams to deliver projects on time and within budget. Passionate about learning new technologies and continuously improving development processes, I'm ready to leverage my expertise to contribute effectively to your team.

SKILLS & SPECIALISMS

GOLANG | PYTHON | NODEJS

Kafka | RabbitMQ | Redis

MYSQL | POSTGRES | SQLITE | MongoDB

Docker | Aws | Nginx | Git | Proxy | SSH | Kubernetes |

IDLE CI/CD

Problem-Solving | Strong Communication |
Leader Time Estimate and Management

WORK EXPERIENCE

SENIOR GOLANG DEVELOPER   8/2024 – Present
Source Of Asia | Ho Chi Minh City

Elevator Pitch:
As a **Senior Golang Developer** at Source Of Asia, I specialize in designing and implementing backend solutions for **Trasset**, an advanced asset management application. My expertise spans **Golang, PostgreSQL, AWS, GitLab CI/CD, and Docker,** ensuring high-performance, scalable, and secure backend architectures for both WebApp and Mobile platforms.

Key Responsibilities

- Architect and develop backend services for **Trasset**, supporting **asset management**, **user authentication, authorization, and inventory tracking.**
- Design and maintain critical authentication and authorization logic to ensure secure multi-user access control.
- Optimize PostgreSQL queries and Golang services for high-performance, scalable processing of asset data.
- Automate deployment pipelines using GitLab CI/CD and containerize applications with Docker.
- Deploy and manage cloud infrastructure on AWS, ensuring high availability and security compliance.
- Collaborate closely with frontend and mobile teams to deliver seamless WebApp and Mobile experiences.

ACHIEVEMENTS

- Optimized and scaled backend services, handling large asset datasets efficiently.
- Designed a robust authentication & authorization system, improving security and access control.
- Enhanced PostgreSQL query performance, reducing response times by 40%.
- Streamlined CI/CD workflows, reducing deployment time and improving release cycles.
- Played a key role in technology decisions, ensuring the best-fit solutions for performance and maintainability.

SENIOR GOLANG DEVELOPER 11/2022 – 7/2024
ECQ Vietnam | Ho Chi Minh City

I am a Senior Golang Developer at ECQ Viet Nam, a leading technology company specializing in cybersecurity solutions. With over 100 employees across Vietnam, Thailand, and Singapore, I report directly to the Product Manager and Technical Leader. My direct team consists of 5 members, including 3 Backend Engineers and 2 Frontend Engineers.

In my role, I am responsible for developing and maintaining services using Golang to address the needs of various projects within the company. I play a key role in making critical decisions regarding technology stack and database architecture, ensuring the performance and efficiency of our services. Additionally, I oversee and monitor the activities of our team to ensure seamless functionality.

Elevator Pitch:

As a Senior Golang Developer at ECQ Viet Nam, I lead the development and maintenance of Golang services for cybersecurity solutions. With a focus on performance and efficiency, I make strategic decisions regarding technology and database architecture while overseeing our team's operations to ensure seamless functionality.

ACHIEVEMENTS

- Successfully developed and optimized services to ensure maximum performance and efficient query processing.
- Met project deadlines and requirements by delivering services that met or exceeded expectations
- Recognized and praised for exceptional work performance by both Lead Tech and Product Manager.
- Played a key role in decision-making processes regarding the selection of technology stacks and databases, contributing to the overall success of projects
- Identified and addressed persistent issues within projects, contributing to improved project stability and performance.

SENIOR GOLANG DEVELOPER 04/2022 – 11/2022
Sendo | Ho Chi Minh City

During my tenure at Sendo, I served as a Senior Golang Developer within the Customer Squad. Sendo is a leading e-commerce platform in Vietnam, catering to a diverse range of customers and vendors. With a sizable workforce and significant market presence, Sendo operates in a highly competitive industry with a focus on delivering exceptional customer experiences.

In my role, I reported directly to the Product Manager and worked alongside a dedicated team within the Customer Squad. This team consisted of both direct and indirect members, including developers, product managers, and quality assurance engineers. My primary responsibility was to maintain and develop several critical services such as Product, Cart, Paylater, and Checkout. These services formed the backbone of the platform, driving key functionalities and customer interactions.

As part of my overarching responsibility, I was tasked with optimizing the performance of these services, ensuring they met the demands of a rapidly growing user base. My role extended beyond mere maintenance, as I also implemented new features and enhancements to improve the overall user experience. Additionally, I played a crucial role in optimizing the performance of legacy versions of these services, ensuring continuity and efficiency across all iterations of the platform.

RESPONSIBILITIES:

- Implemented performance optimizations for critical services
- Developed new features to enhance user experience
- Conducted code reviews and provided technical guidance
- Identified and resolved performance bottlenecks
- Contributed to architectural discussions and technology selection.

TEAM LEADER | FULL STACK DEVELOPER (MAIN IN BACKEND)   11/2021 − 04/2022
Hitachi Vantara Vietnam | Ho Chi Minh City

At HITACHI Vantara Vietnam, I initially served as a Backend Programmer (Golang). Following a brief tenure, I was promoted to the role of Team Leader, overseeing a team of 6 members (4 backend and 2 frontend developers).

In this capacity, I was responsible for implementing key features of the project, including workflow, article, and schedule functionalities. I developed the logic handling using Golang and YAML configuration files. The project followed a monolithic architecture.

While my primary expertise lay in backend development, I also possessed a basic understanding of ReactJS to support and guide frontend team members effectively.

RESPONSIBILITIES:

- Backend development core future: workflow, schedule, article.
- Leader and support team, which have 6 members.
- Report directly to SA and PM of project
- Support overall project

FREELANCE DEVELOPER   04/2021 − 08/2021
Freelance | Ho Chi Minh City

Worked on various projects, including web applications and backend services.

Utilized Golang, Python, and other technologies to deliver high-quality solutions.

Collaborated with clients to understand project requirements and deliver tailored solutions.

BACKEND DEVELOPER   06/2020 − 04/2021
Amaris | Ho Chi Minh City

Developed and maintained backend services using Golang.

Implemented RESTful APIs and microservices architecture.

Collaborated with frontend developers to ensure seamless integration.

FRESHER DEVELOPER   6/2019 − 03/2020
TMA Solutions | Ho Chi Minh City

Developed function for the project using Golang, Python.

Support the project, which is a web application for the management of the company's employees.

Write automation script for the project using Python, and Spring Boot.

EDUCATION

Programme de Formation d'Ingénieurs d'Excellence au Vietnam (PFIEV)

MECHANICAL ENGINEERING (AEROSPACE ENGINEERING)   2012– 2020
Ho Chi Minh City university of technology | Ho Chi Minh City
Equivalent Master:
http://pfiev.hcmut.edu.vn/pfiev/index.php?tin=57

Quang Trung Specialized High School
2009-2012

AWARD

BEST PERFORMANCE (HITACHI VANTARA VN)   2021