

Nguyen Phu Quang

Software Engineer

Ho Chi Minh, Vietnam

+84 913501314
github.com/McPepperoni

quangnguyen16200@gmail.com
linkedin.com/in/quang-phu-nguyen

Education

University of Information and Technology
B.S. Computer Science

HCMVNU, Ho Chi Minh

Skills

- **Languages:** Java, SQL, Python, Typescript
- **Technologies:** Spring Boot, NextJS, Postgresql, OracleDB, Docker, Terraform, Kubernetes, AWS, GCP, Jenkins, ELK, NGINX, Kong Gateway
- **Certificates:** TOEIC 930/990

Experience

TymeX
Software Engineer

District 2, HCMC
Feb 2025 - Present

- Developed robust **Spring Boot** microservices for a **personal loan processing system**, enabling efficient credit assessment workflows with **role-based access controls** for regulatory compliance.
- Implemented **AWS-based event architecture** using **Lambda**, **SQS**, and **Apache Kafka** to process loan applications in real-time, reducing processing time by 40%.
- Created **Python data processing pipelines** to analyze customer financial data and streamline credit risk assessment, improving accuracy by 25%.
- Engineered **RESTful APIs** with **Spring Boot** to support digital banking features including **Buy Now Pay Later** and **unsecured personal loans**.
- Built a **cloud-native microservices architecture** on **AWS ECS** capable of processing over 10,000 loan applications daily with 99.9% uptime.
- Optimized CI/CD pipelines using **AWS CodePipeline** and **Docker**, reducing deployment time by 60% and enabling rapid feature delivery.
- Designed and implemented **flexible integration connectors** for **multiple credit providers**, standardizing diverse repayment and lending workflows into a unified platform that handles over 5,000 daily transactions.

Renesas Electronics
Software Engineer

District 7, HCMC
Jul 2023 - Feb 2025

- Developed **RBAC-based API services** for license monitoring and audit, integrated with **Apache Kafka** and **Camunda BPMN** for process orchestration.
- Enhanced system performance through **SSR implementation** and created **data migration tools** that improved data accuracy by 20
- Built a **scalable microservice architecture** handling **2TB** of data with 99

Success Software Services
Software Engineer

Tan Binh, HCMC
Aug 2022 - Aug 2022

- Developed **internal ERP tools** and **e-commerce platforms** using **Next.js** and **Spring Boot** within an **Agile Scrum framework**.
- Improved **stability**, **scalability**, and **UX** for enterprise software by enhancing legacy systems and implementing new features.