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VUONG CHI SON

SKILLS

- **Programming language:** Java, Golang, SQL (Oracle, MySQL, PostgreSQL)
- **Framework:** Spring Boot and other Spring components
- **Tool:** Git, Redmine, Intellij IDEA, AWS
- **Language:** TOEIC 500
- **Certificate:** FE Certificate (Issue at 2017), HackerRank Java Cert, HackerRank Solving Intermediate

EXPERIENCE

Software Engineer   **VNPAY**   **10/2018 –Present**

 At VNPAY, I focus on fintech field. I built projects from scratch. Chance to deal with high intensity and high availability

- VNPAY Merchant Management System, management system of transactions, merchant, master merchant for payment services. Base on Spring Boot, Netflix Eureka components. Participate in system construction, select technology and implement them
    - Architectural design microservices base on Spring Boot and Eureka Netflix Component
    - Development of important modules (gateway, authenticate, refund, configuration, HA, fault tolerance, …)
    - Training, Support for other members
    - Review code
- Built a BIDV QR-Code System(MMS), which includes about 20 services to implement BIDV QRCode using *Java, Spring, RabbitMQ, Redis, Oracle, PostgreSQL, WebSphere*, etc. Provide payment system services, master merchant management. I am leader in this project
    - Receive requests from BA, forward to the development team
    - Participate in the development of important modules (payment, authenticate, accounting …)
    - Bridge between BIDV and VNPAY's technical team
    - Install on TEST, UAT, PILOT, LIVE environments
    - Build a problem-solving scenario
    - Upgrade, maintain, and troubleshoot
    - Review code
- Risk management system, allowing the management of transfer amount by merchants and customers, prevent cheat acts in the switch MMS system
    - Collect information about Merchant, Terminal base on transactions
    - Build a module to prevent transactions from the payment switching system base on configuration
- Built QR Code Consumer(QR Code Reverse), using *Java, Spring Boot, Oracle, Redis, RabbitMQ*. Responsibility on creating QR Code System follows the EMVCo document. This project is avaiable on Agribank Mobile Banking (will be soon on other Bank Mobile banking)
    - Build QR code library, create and read information from QR follow the EMVCo document
    - Building payment systems for both the switching system and the banking system
    - Develop a module that initiates transactions from the merchant and announces when the transaction is finished
    - Write dockerfile, docker-compose and implement
- Built an SMS service can reach high tps at 1000++ - a microservice in VNPAY SMS Gateway system using *Golang, PostgreSQL, RabbitMQ*

- Reading messages from the queue, divides the messages into smaller messages and makes calls to the carrier's system

Mentor   **Funix University**   **03/2019– 03/2020**
- Help students to answer questions about the OOP and Java subject (LAB211x; PRO192x). Supporting students do graduation projects

Java developer   **Tam Dong Tam Innovation Solutions JSC**   **06/2018– 10/2018**
- The primary responsibility in building a lending platform, which connects money borrowers and money lenders. Tech stack: Spring Boot, Spring Security, Angular 5, MySQL, Docker, Docker swarm

Java developer   **MinhPhuc Software Co.Ltd**   **09/2017 –06/2018**
- Built an internal project - which is used to service 3000 staff. Check-In - check-out, monitor schedule, register OT, notification, etc. Technology used: Java, Spring Boot, MySQL, PrimeFace. Company's CMMI certificate project.

EDUCATION

| Major: Software Technology | **Ha Noi University of Science and Technology** | **09/2012 – 07/2017** |

| Research about IOT, focus on sensor network | **Networking Communication Technology Laboratory** | **09/2016 – 06/2017** |