LINH NGUYEN HOANG
Java Software Engineer

SUMMARY

With over 2.5 years of software development experience in developing software applications. I specialized in Java focusing networking and database management. Strong knowledge of Spring Framework. I am eager to study new knowledge and technologies then apply them to my working project to enhance productivity and performance. For myself, I am a responsible and hard-working person, enjoying solving backend related problems. Besides, I am looking for a new opportunity to join a team with an active and competitive environment to improve my technical and collaboration skills.

Specialties

- Experience in Java, Spring, Hibernate.
- Strong knowledge of web development and databases.
- Experience in designing and developing RESTful APIs.
- Have knowledge of network protocols: TCP/UDP, HTTP/HTTPS, DNS, DHCP, SSH, FTP, SNMP.
- Experience in designing relational database schema (CDM)
- Experience with MariaDB, MYSQL databases
- Apply best practices & patterns to optimize coding and database performance.
- Able to use English in conversation, good at reading and writing skills.
- Ability to research new technology quickly.
- Good at teamwork.

Industry Experience

- Experience in domains: Networking, Linux Administration

TECHNICAL STACKS

- Languages: Java, C++, Rust, JavaScript

- Framework: Spring Boot, Spring MVC,

- Database: MariaDB, MySQL

- Operating system: Redhat, Ubuntu

- ORM: Hibernate, JPA

- Version Control: Git

- Coding principle: follow best practices, design pattern.

- Architectural patterns: MVC, Client-Server

- Methodology: Agile, Scrum.

WORKING EXPERIENCE HIGHLIGHTS

Project: AMS – (07/2023– 07/2024)

The project manages the software packages and appliances and provides a Web UI that allows users to modify the configuration files and deploy them easily. It also monitors the services and hardware health in real-time and swiftly notifies the users when an issue arises so that they can resolve it as soon as possible.

Project size: *14 members*

Roles: *Developer*

Responsibilities:

- o Develop crucial features based on the customer requirements.

- o Collaborate with foreign teams (co-working tasks).

- o Fix the software's defects and enhance performance

- o Create SQL based on detailed design.

- o Demo features and training new team members

- o Write tools to support development more productively.

Technologies: Java, Spring MVC, Hibernate, MariaDB, SSH, Shell Script, Rocky Linux

Accumulate experience:

- o Gained experience on web applications using Spring MVC and Hibernate

- o Gained experience in working/communicating with foreign teams.

- o Gained knowledge about Linux Redhat Enterprise, ShellScript and system administration

- o Gained knowledge about networking DDI (DHCP, DNS, IP Management)

- o Gained experience working in Scrum development environment.

Project: VS Network (05/2022 – 07/2023)

The project provides critical network information by monitoring network performance and identifying potential issues proactively. In the event of a network problem, the system will generate real-time alerts for network administrators, enabling them to take the best corrective actions and minimize the impact of the issue.

Project size: *20 members*

Roles: *Developer*

Responsibilities:

- o Develop and fix the application's defects based on requirements.
- o Nightly support customer when they have issues

Technologies: C/C++, Java, SNMP, MSSQL Server, MariaDB, ShellScript, Redhat Enterprise

Accumulate experience:

- o Acquired valuable experience in designing and implementing complex web-based applications using C++ and Java.
- o Gained knowledge about networking, operating systems especially Linux, increasing project performance.
- o Gained knowledge about networking HTTP/HTTPS, SNMP, Socket programming
- o Improved database performance with MariaDB query optimization.
- o Got experience in working/communicate with America customers.
- o Collaborate with team members well.
- o Gained experience working in Scrum development process.

Project Patch Management Tool (02/2023 – 07/2023)

Project size: *5 members*

Responsibilities:

- o Develop API Gateway: Routing, Catching, Authentication and Authorization
- o Develop a REST API Patch Service using Spring Boot, PostgreSQL
- o Develop a Logging feature
- o Write Readme and User Guide document
- o Review others team members's code

Accumulate experience:

- o Gained valuable knowledge about microservice and implementing the project.
- o Gained knowledge about streaming data tool Apache Kafka, catching using Redis.
- o Gained knowledge about PostgreSQL Database

EDUCATION

- Engineer of Information Technology (Very Good) – Can Tho University

SOCIAL NETWORK

- Github: github.com/secretdeveloperisme
- Linkedin: linkedin.com/in/hoanglinhplus/