Phùng Huy Hùng

Java Developer
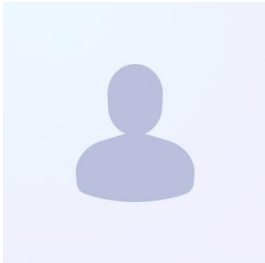
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OBJECTIVE

As an aspiring and enthusiastic software engineer, I am expecting to work in a professional environment where I can comprehensively develop my specialized coding skills and study more about advanced Web programming development knowledge.

EDUCATION

08/2018 – 01/2023 **Post and Telecommunications Institute of Technology**

Major: Information Technology

Qualification level: Good

SKILLS

Back-end	- Java Core, Jave EE - Spring Boot, Spring Web Flux, Spring Cloud, Spring Security, Quarkus - Database: MySQL, PostgreSQL, SQL Server, DynamoDB, Redis, InfluxDB - Microservices, Kafka - AWS services: Amazon SQS, Amazon S3 - Linux, Docker, Kubernetes
Front-end	- HTML, CSS, JavaScript, - ReactJS, TailwindCSS, Bootstrap
Other	- SOLID principles - Design Patterns - Git, Jira, Redmine
Language	- Read and write documentations in English
Soft skills	- Problem Solving skills Self-study - and research - Teamwork

WORK EXPERIENCE

❖ **NCC ASIA**   **02/2022 – 07/2022**
   Position: Java Internship
   - Participate in Java Backend Training
   - Gain experiences through a number of projects in the fields of management, health care
   - Advanced knowledge about Web Development including: Java Core, Handling Exception, Security, Caching
   - Experience working with Spring Boot, Spring Security, PostgreSQL, Kafka, Redis - Experiencing with Git
   - Teamwork and problem solving skills and business analysis skills

❖ **Adamo Software**   **07/2022 – 08/2023**
   Position: Java Developer
   - Join in two projects: Sportwhereiam and Groups Quote Travel
   - Experience working with Microservices
   - Experiencing about Spring Web Flux Framework and Quarkus Framework, and Java EE
   - Experience working with some AWS services: NoSQL – DynamoDB, Message Broker – Amazon SQS, Amazon S3
   - Database analysis and design, system business analysis

❖ **VNPAY**   **08/2023 - Present**
   Position: Java Developer
   - Join in some projects: API Gateway, Device Integrity Service, SoftOTP SSO, Analysis Service,…
   - Experience working with banks
   - Experience in security
   - Experience in system design
   - Deploy services on Linux, Amazon

PROJECTS

Employee Management

Domain	Management
Description	This is an employee management system used internally by the company, including login functions, viewing a list of all employees of the company, data synchronization, employee identification ratio statistics, see a list of all employees by month. From statistics send employee check-in information to discord.
Team size	5 people
Responsibilities	- Database analysis and design - Build login function - Create CRUD APIs for adding, editing, deleting, and managing employee - Create a filter function to handle allowing certain requests to access the resource internally - Employee identification statistics function
Technologies	SpringBoot, Spring Security, PostgreSQL, Redis

Dug Information Management

Domain	Healhcare
Description	The website provides customers with information about drugs, diseases, and medical facilities and information management.
Team size	4 people

Responsibilities	- Database analysis and design - Build login function - Create APIs function - Build statistic function
Technologies	SpringBoot, Spring Security, PostgreSQL, Redis

SportWhereIAm

Domain	Sports tourism
Description	SportWhereIAm is a sports tourism website. It is platform that helps users find and book sports event and activities in different locations around the world. The website typically provides information on various sporting events, ticket availability, schedules and venues. Users can search for events in different cities and countries and booking directly through the website
Team size	10 people
Responsibilities	- Review, refactor, and optimize existing code to ensure scalability, maintainability, and code quality. - Identify and resolve software defects, bugs, and technical issues to ensure smooth user experiences.
Technologies	SpringBoot, Spring Security, MySQL, GraphQL, Redis

AirCanada Groups Quote Travel (12/2022 – 08/2023)

Domain	Travel
Description	This is a website that allow agency quoting package, hotel, air, cruise. Agents can search and quote hotels at the desired destinations, find information about hotel, flights, cruises. The website assist agents in quoting and introducing cruise itineraries. Air Canada staff manage information about quotes. See price information from a third-party system to complete quotes, as well as manage revenue and system resources.
Team size	9 people
Responsibilities	- Database analysis and design - Integrate Amadeus API to get information about flights around the world, information about flight prices - Synchronize gateway, destination, hotel, airport, cruise data from third system SOAP API - Build flow quote management - Build admin functions for resource management - Design email templates, build a flow to send emails about quote-related information - Integration API users to get system users information - Create APIs to get information about gateway, destination, airport, cruise - Create APIs for quote functions - Unit testing ensures services meet Pipeline and Sonar (coverage over 80%, duplications less than 3%, reliability, maintainability, security, security review)
Technologies	SpringBoot, Spring MVC, Spring Security, Microservices, DynamoDB, AmazonSQS, AmazonS3, GraphQL, Redis, SOAP API

API Gateways

- Improving performance of internal services: Applying pub-sub pattern microservices for scalable systems.
- Process and forward requests to bank services
- Retrieve and store information about service addresses in the Microservices system
- Rate limit request to Bank services

Soft OTP SSO

- Build SSO login function for VNPAY internal system
- Two factor authentication using Soft OTP
- Backend APIs for OTP Mobile App integration

Device Integrity Service

- Verify the integrity of data sent from Android and IOS devices to VNPAY and Agribank applicatitions