

Cuong Le

JAVA DEVELOPER



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About Me

I have graduated from the University of Information Technology with a Bachelor's degree in Computer Science in 2017 (with GPA 8/10).

I'm a developer who have more than 5 years of experience with Java and Spring Boot.

I am skilled in Java, Spring Boot, MongoDB.

My native language is Vietnamese and have certificate in English (TOEIC 815) and Chinese (HSK3)

Work Experience



ZALOPAY

Java Developer

From June 2022

- **Project:** ZaloPay Promotion Platform

ZaloPay Promotion Platform (ZPP) is a project which is build to provide promotions for ZaloPay's users. From user's action (such as : payment, money transferring, onboarding, disbursement...), ZPP will validate base on pre-defined rules and provide promotions (such as: vouchers, discount, cashback...) for users.

- **Position:** Backend Java Developer

Technology: I joined ZaloPay as a backend Java Developer. I worked with **Spring Boot** to build up the project. The database we used is **MySQL** and we use **Spring JPA** to interact with database layer. Because ZPP is designed with microservice architecture, I also worked with **Kafka, gRPC** to communicate between services beside **RESTful API**.

Development Flow: After took tasks from Sprint planning, I will implement the features and also ensure 90% unit test coverage for my new code (using **JUnit, Mockito, PowerMock**). The features then be verified by QC and will be deployed to staging and production environment. In order to deploy to staging and production, I have to make a git tag, the CICD pipeline (which is build up by Operation Team) then automatically deploy the code. I use **Jenkins** to check the building status, **Rancher** to check the deployment status, **Grafana** (which visualize **Prometheus** metrics) to monitor the service's status (throughput, latency, error logs...) and **Splunk, Kibana** to monitor service's logs.

Ordinary Tasks: I normally implement new features in the backend side and also handle the UI implementation (using **ReactJS**) in case FE feature is not too big. ZPP is build for configuration team to use, so I have to support the team to check issues if needed.



OPSWAT

Java Developer

From August 2019 To April 2022

- **Project:** MetaAccess Cloud

We provide a software (which called MetaAccess Client) for customer to install to their devices. The software then collects all the information about the devices (such as Installed Applications, OS version, Firewall setting...) and send to the cloud (which is MetaAccess Cloud).

The MetaAccess Cloud will calculate the device's information and determine the device is safe or not. Finally, from device status, we can decide this device is allowed to access to company network, access to specific service base on pre-defined policies.

- **Position:** Backend Java Developer

Technology: I joined MetaAccess Cloud as a backend Java Developer. The project used **Spring Boot** framework with **MongoDB** (using **Spring Data MongoDB**). In this project, we applied **OWASP Top 10** and **Sonar** to enhance code quality. I also worked with **AWS Java sdk** to interact with SQS and Amazon S3.

Ordinary Tasks: My tasks were implement new features, enhance service's performance (normally in database query), query data for reporting to other teams.



ROBERT BOSCH VIETNAM

Java Developer

From June 2017 To August 2019

- **Project:** *Elevator Monitoring*

Bosch provides a solution for customers who want to monitor their elevators with a project named Elevator Monitoring. Customer can buy Bosch's sensors and installed on the top of elevators. The sensors then collect all the information about the elevator (such as : speed, floor position, vibration,...) and send it to the cloud (which is my team's server). The server will calculate all the elevator KPIs and show it in the UI for customer to monitor their elevators, and also has an alert mechanism if elevators have problem.

- **Position:** *Backend Java Developer*

Technology: The project used **Spring Boot** framework to build. The communication between services was using **RESTful API**. **MongoDB** was chosen as database for the project.

Ordinary Tasks: I join the project at the very beginning, so I took part in design project's database and architecture. My tasks also included features implementation, investigate AI algorithms and applied to the project. At that time, I used K-mean to cluster data points (which is elevator stop positions), from that we can determine the position for each floor.