# Huynh Quoc Khanh
## Middle Software Engineer

## WORK EXPERIENCE

**Backend & Frontend Developer**

**TEAM SOLUTIONS VIETNAM**                                                                 **Aug 2021 - Present**

**Project name: Yazaki Production Allocation System**

**Project Description:** The project enhances the identification of the most suitable factories for production when Yazaki receives new customer requests. Users can efficiently select the optimal production facility by utilizing the system's recommendations.

**Responsibilities**:
- **Backend:** Developing and establishing the backend infrastructure using the Serverless Framework with Node.js. I managed Lambda functions to process API Gateway requests and played a crucial role in designing and implementing the database using DynamoDB for this project.

**Project technology:** Serverless Framework, Node.js, TypeScript, AWS Cloud services (Lambda, DynamoDB, API Gateway, S3).

**Team size:** 8

**Project name: SBPS Automation Test**

**Project Description:** The project aims to automate the testing of APIs used by SBPS partners, ensuring their functionality across different versions. By utilizing automation tools such as Katalon, the project minimizes human error and reduces the effort required for testing, while maintaining the accuracy and integrity of test data. Additionally, there are plans to expand automation to include UI testing in the future.

**Responsibilities:** I designed and implemented an automation framework for SBPS APIs, developing detailed test cases for each instance. I configured the testing environment, automated test execution using Katalon, and generated comprehensive reports for each test case. This approach ensured accurate and efficient testing of API performance across various versions.

**Project technology:** Katalon, Groovy

**Team size:** 4

**Project name: Softbank Payment Services (SBPS)**

**Project Description:** This project aims to improve the management of payment services in response to increasing competition and inefficiencies in current operations. It features an integrated portal that encompasses order processing, internal and payment agency verifications, delivery, payment, and reporting functions. The project leverages RPA and BI technologies to enhance automation and provide valuable insights. The system is designed for 24/7 operation, boasting an uptime rate exceeding 90%, scalability without service disruption, and robust information security measures.

**Responsibilities:**
- **Backend:** Implemented backend features in alignment with client design specifications, ensuring robust data handling and efficient processing. Developed RESTful APIs using Spring Boot and created unit tests for each service to ensure functionality and reliability.
- **Frontend:** Developed frontend components by client design guidelines, ensuring features are logically structured and function effectively.

**Project technology:** Java, Spring Boot, Oracle, JPA, JUnit, Mockito, Gradle, Angular, Typescript, HTML/CSS, Bootstrap

**Team size:** 8

## SKILLS

**Programming Language:** Java, JavaScript, TypeScript

**Frameworks/ Library:** Spring Boot, Hibernate, Serverless, Angular

**Version control:** Git, GitHub, GitLab

**Web Server:** Tomcat, Nginx

**Containerization:** Docker

**Database:** Oracle, MySQL, MSSQL

**Testing Tools:** JUnit, Mockito, Katalon

**Cloud platform:** AWS Cloud services (Lambda, API Gateway, DynamoDB)

**Build Tools:** Maven, Gradle

**Development Models:** Agile

## LANGUAGES

**English - Intermediate**

## EDUCATION

**Software Engineering Major**                                                              **Aug 2018 - Nov 2023**

Posts and Telecommunications Institute of Technology, Ho Chi Minh City