QUOC T

**FULLSTACK JAVA DEVELOPER**

Full Stack Java Developer with over 10+ years of experience in designing, developing, testing, deploying, and monitoring large scale enterprise applications using Java/J2EE platform and Object-Oriented Analysis and Design (OOAD). Works effectively with all levels of teams and clients to ensure continuous delivery of high-quality IT solutions across diverse operational platforms. Adept tester and troubleshooter with history of success serving as key member of Scrum teams.

* Extensive experience in full life cycle development (SDLC) including analysis, design, development, deployment, testing, documentation, implementation & maintenance of application in Web-based and Desktop Application.
* Strong experience in building web applications and web services using various Spring Framework modules like Spring IOC, Spring MVC, Spring AOP and Spring Security
* Experience in developing RESTful Microservices using Swagger, Java, Spring, Hibernate, Spring Boot, MySQL.
* Hands-on experience in building Continuous Integration (CI) and Continuous Delivery (CD) pipelines using Git, Webhooks, Concourse Pipeline, Terraform, Ansible.
* Experience in creating Amazon Machine Images (AMIs) using Packer and Ansible, and deploying applications to Amazon Elastic Compute Cloud (EC2) through the CI pipeline and using Terraform.
* Willing to learn new technology, good written and verbal communication skills and can work independently in a fast-paced environment.

**Languages:** Java

Script: Ansible, Terraform

**Web:** JavaScript, HTML, CSS, Ajax, jQuery

**Web Services:** Rest, SOAP

### Web and Application Servers: Tomcat

**Frameworks:** Spring Boot, Spring MVC, React, AngularJS, Mockito

**Databases:** Oracle, MS SQL, MySQL

**Platforms:** Windows, UNIX, Linux

**Design Patterns:** MVC, Factory, Single, Observer, Builder, Proxy

**SDLC:** Agile (Scrum)

**Tracking Tools**: Jira

**Tools:** Intellij, Git, Maven, Jenkins, Concourse, StarUML,

**Build IDE**: IntelliJ, Eclipse

**CI Tools**: Concourse, Jenkins

**Cloud Computing**: AWS Services (Lambda, EC2, API Gateway, ELB/ALB, Route 53, CloudFront, AWS SQS, SNS, Kinesis stream Cloud Formation)

**Log analysis**: Splunk, Elasticsearch + Logstash + Kibana

**Code Quality**: SonarQube

## EDUCATION

**Master of Science in Computer Science -** Maharishi International University, Fairfield, Iowa (2023)

**Bachelor of Computer Science, Honor Program -** University of Information Technology, Vietnam National University, Ho Chi Minh City (2011)

**PROFESSIONAL EXPERIENCE**

# Pure Integration LLC, Reston, VA, US Oct 2021 - Present

Full-spectrum IT consulting services.

### Java Developer – Comcast

Worked with team to develop and maintain backend for Xfinity Stream

* Maintain, design and develop APIs that power the Xfinity Stream experience.
* Follow and contribute to Agile/SCRUM activities in daily stand-ups, retrospectives, iteration planning,
* estimating/reporting, acceptance criteria definition, etc.).
* On call support: monitoring, analyses and discuss with teams about the reported issue or alert.
* Proficient in utilizing CI/CD pipelines and Concourse for code deployment.
* Migrated log manger system from Splunk to ELK.
* Completed server migration from Intel to Gravion using Amazon Linux 2, resulting in significant cost savings of millions for the company.
* Participating in technical discussion with architects for architecture models and design critical integrations.
* Participated in Knowledge Sharing sessions within the team to ensure all the members are on the same page

***Technologies Used:*** Java, Spring MVC, Restful web service, Microservices, Linux, AWS, Containers, Redis, Splunk/ELK, Terraform, Packer, Ansible, Concourse CI/CD

# FS CRAFTSMAN CONSULTING GMBH, Leichlingen, Germany Jan 2018 – Feb 2021

Provider of IT consulting services.

### Java Developer – Uniper

Assigned to Uniper SE account Scrum team focused on development of web application to support distribution of gas, electricity, and energy to partners and industrial customers.

* Collaborated effectively with Scrum team in remote platform.
* Provided back-end implementation and assisted in fixing bugs in front-end implementation.
* Worked closely with team members, business analyst, and project officer on planning new application features.

***Technologies Used:*** Java, Spring MVC, Restful web service, SOAP, Hibernate, Spring Boot, MSSQL, Wicket, JavaScript, CSS, HTML, ReactJs, Git, Azure, Docker, NodeJS, Mockito, Tomcat

### FPT SOFTWARE, Ho Chi Minh City, Vietnam Dec 2015 – Dec 2017

Leading global technology / IT services group comprised of 32K employees, generating $2B+ revenues annually.

### Java Developer – Uniper

Worked in Scrum team on development of web application for distribution of gas, electricity, and energy to energy partners and industrial customer.

* Liaised with customer team directly to ensure adherence to needs / specifications.
* Provided back-end implementation and troubleshooting of bugs for front-end implementation.

***Technologies Used:*** Java, Spring MVC, Restful Web Service, SOAP, Hibernate, Wicket, MSSQL, Git, HTML, CSS, Mockito, Oracle, jQuery, Tomcat

### ROBERT BOSCH ENGINEERING & BUSINESS SOLUTIONS VIETNAM, Ho Chi Minh City, Vietnam Jul 2014 - Dec 2015

Subsidiary of Robert Bosch GmbH (one of the world’s leading supplier of technology and services) and Bosch’s first software development center in Southeast Asia.

### Java Software Developer

Developed web application to manage/search Measurement Data Format (MDF) data used in automotive domain.

* Served as key member of Scrum team.
* Performed back-end implementation.
* Developed and implemented unit test for main features.
* Supported bug fixes throughout front-end implementation.
* Analyzed requirements, design, and break tasks.
* Liaised with German client to update and clarify requirements.

***Technologies Used:*** Spring Core, Spring Restful Web Service, SOAP, Solr Database, Windows Service, ANTLR

### ARICENT VIETNAM, Ho Chi Minh City, Vietnam Aug 2011 – Jul 2014

Global design and engineering services company acquired by French-based company Altran in 2018, renamed Altran North America in April 2019, and Altran Americas in early 2020.

### Software Engineer (2012-2014) Associate Software Engineer (2011-2012)

Developed new features and maintained current feature for Element Manager – including Ethernet OAM, IPSEC, and RF Sharing.

* Analyzed and developed solutions to address operational issues.
* Liaised with client Nokia Solution & Network regarding change requests, requirements, and problems.
* Trained team on proper use of sub-system.
* Handled releases, code merging reviews, and working file development.

***Technologies Used:*** Java Core, MVC, Observer Design Pattern, Swing, Concurrent, XML, ClearCase

## ACADEMIC PROJECTS

1. **Attendance Checking System, MIU (2021):** Developed system enabling use of camera for scanning student card barcodes.
	* ***Technologies Used:*** Sprint Boot, Spring Eureka, ReactJS, MySQL, Maven, Git
2. **COVID-19 Data Pipeline & Visualization, MIU (2021):** Developed system to visualize Covid-19 data from https://[www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset.](http://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset)
	* ***Technologies Used:*** Kafka, Spark Streaming, Spark SQL, HIVE, HBase, Tableau, Apache Zepplin
3. **Parking Management System, MIU (2021):** Built parking management system.
	* ***Technologies Used:*** JavaFX, MySQL, Maven, Git

## PERSONAL PROJECT

**Chiti.app:** Created web application to manage personal budget in 2021.

* + ***Technology Used:*** Java, Springboot, ReactJS, MySQL