

# Tran Quoc Tuan

Full Stack Developer

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## OBJECTIVE

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- 7 years experienced full stack developer with **Solution Architect Certification**.
- Familiar with **AWS SAM**, **AWS Cloudformation Stack**, **AWS Lambda Functions**, **AWS S3**, **AWS RDS** and many other cloud services.
- Could learn many languages and technologies in very short period of time.
- Proficient in **Linux bash** and **macOS terminal**.
- Clean coding, ergonomic, good **Photoshop** and UI design skill, mobile first and responsive designing mind set.
- Able to work as full stack developer with **NextJS**, **React**, **Angular**, **RxJS**, **Ionic**, **VueJS** and **Tailwind** for frontend, backend using **Java Spring Boot**, **NodeJS**, **PHP**, **MySQL**, **PostgreSQL**, **Mongodb**

## EDUCATION

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FPT UNIVERSITY

July 2013 - June 2018

Major: Software Engineering - IELTS 6.5

- Top 50 Student Achievement Award for Excellent Semester Transcript in Feb 2017
- Top 100 Student Achievement Award for Good Semester Transcript in Jun 2018

## WORK EXPERIENCE

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FPT Information System

June 2021 - Present

### Web Developer

- Build task scheduling function with **NextJS**, **ReactJS**, **Redux**, **Antd** and **Tailwind**.
- Create live chat bot function using **OpenAI** api.
- Perform automation test using **Selenium** and **Appium**, compare test results by **OpenCV**.
- Handle dynamic document export request with **Java Spring Boot**, **Strut 1.0**.
- Database designing and writing stored procedure using **PostgresSQL**, **Oracle**.
- Dynamic PDF document report with **BIRT** report and **Eclipse** plugin.
- Build **AWS SAM** project for **AWS Cloudformation Stack** integrating **Lambda Functions** to generate dynamic **CSV** report.
- Integrating CI/CD pipeline using **Jenkins** and **Docker**

Vdsmart

Oct 2020 - May 2021

### Web & Mobile Developer

- Design UI, developing, fixing bugs on both Android and iOS platforms by **Angular** and **ionic**.
- Build student face recognition function using **Tensorflow**.
- Building real-time attendance notification using **ReactJS**, **WebSocket** and **StompJS**.
- Coding multiple mp3 files caching tool using **Java Spring**.
- Developing camera configuration tool using **Java Spring Boot**.

Kiu Global

June 2019 - Oct 2020

### Odoo ERP python developer

- Coding, modifying, fixing bugs on **Odoo ERP** system addons using **Python** and **XML**.
- Building email template with in-line CSS and Microsoft Office style syntax to keep compatibility with every platform.
- Improving **Lumen** real time notification by **Pusher** framework and email notification module from **PHP laravel** and **VueJS**.

Shopee like

July 2018 - March 2019

## Full stack developer

- Coding server-side with **Java Spring Boot** and client-side using **Electron** and **VueJS**.
- Building web-based mobile app with **Angular/Ionic**.
- Implementing responsive design by **Flexbox** and grid layout with **Bootstrap**.
- Debugging website api using **Chrome dev tool, Postman**.
- Building a HTML5 canvas-based Image editor with **FabricJS**.
- Making product copying function between Shopee, Lazada and Sendo include product images and other properties.
- Explaining knowledge about asynchronous programming and **dependency injection, singleton, two-way binding design patterns**.

## FPT University

May 2017 - June 2018

## Web Developer

- Designing database for e-commerce website using **MySQL**.
- Coding backend using **Java Spring Boot** and frontend with **React** and **Bootstrap**.
- Intergrating online payment function through **Paypal Braintree**.
- Designing software project by **UML** diagrams using **Astah**.

## CERTIFICATIONS

Solution Architect Certification

2022

## HONORS & AWARDS

Excellent Employee Award

2021

## SKILLS

<b>Proficient</b>	ReactJS, Redux, Java Spring Boot, Angular, Ionic, NodeJS, PHP, Laravel, C#, Swift
<b>Familiar</b>	C, C++, Native Script
<b>Tools</b>	IntelliJ IDEA, SourceTree, Astah, Trello, Visual studio, Xcode, Android studio, Unity

## PROJECTS

### SmartDoc AI Suite

02/2025 - 10/2025

AI engineer

**Name of customer:** Indeed

**Team size:** 8

**Technology description:**

Java, Python, LangChain, LangGraph, OpenAI API, YOLO, OpenCV, OCR, Google Colab, AWS, PostgreSQL, MongoDB, Docker. End-to-end enterprise platform that automates document processing, intelligent search, and predictive analytics for the banking sector. The solution integrates AI chatbots, document OCR, and automated report generators for high-volume, high-accuracy operations.

### VisionTrack Attendance Platform

10/2024 - 02-2025

AI engineer

**Name of customer:** FIS partner

**Team size:** 8

**Technology description:**

Java, Python YOLO, OpenCV, OCR, ReactJS, NextJS, AWS Lambda, Google Colab Enterprise, PostgreSQL. AI-powered attendance and access tracking for enterprises and universities, supporting face recognition and live event tracking.

### IntelliChat Enterprise Bot

05/2024 - 10/2024

AI engineer

**Name of customer:** Mobifone

**Team size:** 6

**Technology description:**

Java, Python, LangChain, LangGraph, OpenAI API, AWS SAM, AWS Lambda, ReactJS, PostgreSQL, Hibernate.

Enterprise AI assistant for automated customer support, document generation, and predictive insight recommendations.

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## Mobifone MBF B11

06/2023 - 05-2024

**Full stack developer**

**Name of customer:** Mobifone

**Team size:** 8

**Technology description:**

AWS, ReactJS, Java Spring Boot, BIRT Report, Eclipse

Build Front end using ReactJS, export dynamic reports using BIRT report and Eclipse, Java

Create live chat bot funtion using OpenAI api.

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## EVN\_PC

08/2021 - 06/2023

**Full stack developer**

**Name of customer:** EVN

**Team size:** 10

**Technology description:**

AWS, ReactJS, Java Spring Boot, BIRT Report, Eclipse

Fix bugs, build front end and back end scheduling function, export dynamic report

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## Automation test for Mitsubishi

05/2021 - 08/2021

**Backend developer**

**Name of customer:** Mitsubishi company

**Team size:** 5

**Technology description:**

Selenium, Appium, OpenCV, java, Apache POI

Harvesting, normalizing, flattening data. Perform automation test and collecting results.

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## Eyepro mobile app

10/2020 - 05/2021

**Multi-platform mobile developer**

**Name of customer:** Ho Chi Minh National Academy of Politics

**Team size:** 6

**Technology description:**

Java Spring, Angular, Ionic, Swift, Html, CSS

Designing UI, Coding, fixing bugs on both Android and iOS platforms

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## MP3 caching tool

03/2021 - 05/2021

**Full stack developer**

**Name of customer:** Ho Chi Minh National Academy of Politics

**Team size:** 2

**Technology description:**

ReactJS, Java Spring boot, bootstrap, CSS

Designing UI, Coding, fixing bugs

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## QCA Flow

06/2019 - 10/2020

**Full stack developer**

**Name of customer:** Bank of Myanmar

**Team size:** 8

**Technology description:**

VueJS, PHP, bootstrap, CSS

## Kiu ERP

06/2019 - 10/2020

### Python developer

**Name of customer:** Bank of Myanmar

**Team size:** 5

**Technology description:**

Python, Odoo, XML

Build and fix bugs of modules in ERP system

## BBI Bac Giang website

05/2020 - 08/2020

### Full stack developer

**Name of customer:** BBI Bac Giang company

**Team size:** 2

**Technology description:**

Java spring boot, React, Bootstrap, mySQL, Linux hosting

Designing database, coding, fix bugs, deploying website to server

## Shoppee like

07/2018 - 03/2019

### Full stack developer

**Name of customer:** Sellers of e-commerce system

**Team size:** 5

**Technology description:**

VueJS, Java sprng boot, SailJS, Electron

Build and fix bugs for e-commerce multi-platforms supporting tool

## iFunding

03/2018 - 07/2018

### Full stack developer

**Name of customer:** Startups who is looking for funding from community

**Team size:** 5

**Technology description:**

ReactJS, Java spring boot, Electron, PHP laravel

Designing database, building backend and frontend, fix bugs

## INTERESTS

Learning foreign languages, poetry, Japanese kanji writting, story telling, mobile gaming