Tran Quoc Tuan

Full Stack Developer

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OBJECTIVE

- 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 **NodeJS, Java Spring Boot, PHP, MS SQL, MySQL, PostgreSQL, Mongodb, Supabase**

EDUCATION

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

FPT Information System   June 2021 - Present

Full stack developer

- Build task scheduling function with **NextJS, ReactJS, Redux, Antd, Material UI** and **Tailwind**.
- Build API on both **RESTful** and **GraphQL** for mobile and embedded devices.
- Create live chat bot funtion using **OpenAI** api.
- Feform automation test using **Selenium** and **Appium**, compare test results by **OpenCV**.
- Handle dynamic document export request with **NodeJS, NestJS**.
- Database designing and writting stored procedure using **MS SQL**, **PostgresSQL, Oracle, Supabase**.
- 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 pipline using **Jenkin** and **Docker**

Vdsmart   Oct 2020 - May 2021

Web & Mobile Developer

- Design UI, developing student attending mobile app on both **Android** and **iOS** platforms by **Angular** and **ionic**.
- Build API on both **RESTful** and **GraphQL** for mobile and **IOT** devices
- Building real-time attendance notification using **ReactJS, WebSocket** and **StompJS**.
- Build student face recognation function using **Tensorflow**.
- Coding multiple mp3 files caching tool using **NodeJS**.
- Developing camera configuration tool using **NodeJS** and **SailJS**.

Kiu Global   June 2019 - Oct 2020

Odoo ERP python developer

- Coding helpdesk function by country 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** framwork and email notification module from **NodeJS** and **VueJS**.

Shopeelive	July 2018 - March 2019

Full stack developer

- Coding server-side with **NodeJS** and client-side using **Electron, NodeJS, NestJS** 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 d**ependency injection, singleton, two-way binding** design patterns.

FPT University	May 2017 - June 2018

Full stack developer

- Designing database for e-commerce website using **MySQL**.
- Coding e-commerce backend using **NodeJS** 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

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

PROJECTS

SmartDoc AI Suite	02/2025 - 10/2025

AI Tech leader

Name of customer: Indeed
Team size: 8
Technology description:
NodeJS, Python, LangChain, LangGraph, OpenAI API, YOLO, OpenCV, OCR, Google Colab, AWS, Supabase, 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 Tech leader

Name of customer: TokyoCar
Team size: 8
Technology description:
Python, NodeJS, YOLO, OpenCV, OCR, ReactJS, NextJS, AWS Lambda, Google Colab Enterprise, GraphQL, Supabase.
AI-powered attendance and access tracking for enterprises and universities, supporting face recognition and live event tracking.

IntelliChat Enterprise Bot	05/2014 - 10/2024

AI Tech Leader

Name of customer: Mobifone

Team size: 6

Technology description:

NodeJS, LangChain, LangGraph, OpenAI API, AWS SAM, AWS Lambda, ReactJS, GraphQL, Supabase, Prisma.

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

Mobifone MBF B11   06/2023 - 05/2024

Team Leader

Name of customer: Mobifone

Team size: 8

Technology description:

AWS, ReactJS, NodeJS, NestJS, Java Spring Boot, Oracle, BIRT Report, Eclipse, MUI, GraphQL

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

EVN_PC   08/2021 - 06/2023

Team Leader

Name of customer: EVN

Team size: 10

Technology description:

AWS, ReactJS, NodeJS, NestJS, Oracle, BIRT Report, Eclipse, MUI, GraphQL

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

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.

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:

NodeJS, Angular, Ionic, Swift, Html, CSS, GraphQL

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

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, NodeJS, bootstrap, CSS

Designing UI, Coding, fixing bugs

QCA Flow   06/2019 - 10/2020

Full stack developer

Name of customer: Bank of Myanmar

Team size: 8

Technology description:

VueJS, NodeJS, bootstrap, CSS, GraphQL

Fixing front-end bugs using VueJS, back-end using PHP, Building email templates.

Kiu ERP

06/2019 - 10/2020

Python developer

Name of customer: Bank of Myanmar

Team size: 5

Technology description:

Python, Odoo, XML, GraphQL

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:

NodeJS, 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, Node.js, Electron, GraphQL

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, Node.js, Electron, PHP laravel

Designing database, building backend and frontend, fix bugs

INTERESTS

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