Tạ Vũ Thành Đạt

PERSONAL INFORMATION

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Date of Birth: December 08, 1994

Current Position: Senior Software Engineer – LeapXpert

CAREER OBJECTIVE

Short-term target: Learn and Expert skills related to Java and JavaScript.

Long-term target: Become Software Architect.

EDUCATION BACKGROUND

- Lotus University (Aug 2013 - Dec 2017)

    Major: Information Technology - Information System GPA: 3.0 / 4

- **Oracle Certified Professional Java SE 8 Programmer Certification (Java)**
- **AWS Cloud Practitioner Certification**
- **AWS Solution Architect Associate Certification**
- **IELTS 7.0 (2017- 2019)**

SKILLS

- Programing language: Java, Python, JavaScript, Typescript
- Database: SQL Server, PostgreSQL, MongoDB, Oracle
- Version control: Git
- DevOps: Jenkins, Docker, Heroku, AWS
- Framework/Platform: NodeJS, Spring 5/Spring boot 2, J2EE (EJB, Hibernate, JSP…), Angular, ReactJS, Flask, Django
- Other: Teamwork, Research, Time Management.

WORK EXPERIENCE

LeapXpert
December 2022 – Present

Project: Avatar Team – Team size: 10
- **Duration: December 2022 – Present**
- **Technology stack: Java, Akka, Kafka, MongoDB, gRPC**
- **Responsibilities:**
    - Implement API for new features
    - Implement integration with WhatsApp channel for new features
    - Improve code coverage
    - Code review

PayOK In Partnership with PTC
Senior Software Engineer
March 2021 – December 2022

Project: PayOK Product – Team size: 15
- **Duration: March 2021 – December 2022**
- **Technology stack: Java, Spring boot 2, ReactJS, AWS, Maven, Docker**
- **Responsibilities:**
    - Provide system design and database design for microservices with Kafka
    - Setup CI/CD and log monitoring for all services
    - Implement API for new features
    - Implement integration with Adatree API for Open-banking onboarding
    - Implement integration with Creditor Watch for payment detail check and company info
    - Implement Authentication for multi-tenant with SAML and Azure AD
    - Implement payment gateway with Stripe API
    - Maintain product infrastructure on AWS
    - Code review
- **Production:** https://www.payok.com.au/

NashTech Vietnam
August 2020 – March 2021

Project: Finantix Solution – Team size: 6
- **Duration: August 2020 – March 2021**
- **Technology stack: Java, IBM Liberty, Jenkins, Bash, Maven, Groovy, Docker**
- **Responsibilities:**
    - Provide automation solution for manual build jobs and manual release process
    - Setup utilities build job to support QA team
    - Migrate old CI CD with Bash script to Groovy script
    - Create build jobs for new modules and new mobile applications
    - Maintain and optimize old build jobs on Jenkins
    - Research OpenShift to apply to infrastructure of Finantix Project

B13 Technology

June 2020 – December 2021(Freelance contract)

Project: Quodl Rework Phrase 2 – Team size: 6
- **Duration: August 2021 – November 2021**
- **Technology stack: Nodejs, Docker, Angular**
- **Responsibilities:**
    - Implement API for new features with NestJS
    - Migrate front-end from React 15 to Angular 10
    - Rework database from old design to new design
    - Create Unit test with Mocha to ensure business logic and code coverage.

Project: GP Connect – Team size: 10
- **Duration: December 2020 – April 2021**
- **Technology stack: Nodejs, Docker, MongoDB, RabbitMQ, AWS, Electron**
- **Responsibilities:**
    - Design microservice codebase
    - Mentor new developer to onboard project
    - Apply RabbitMQ for Flu, 2way, Patient-pack, and 3rd Integration services
    - Implement integration layer for GP-Connect API
    - Create Unit test with Mocha to ensure business logic coverage.

Project: Patient Pack – Team size: 8
- **Duration: September 2020 – January 2021**
- **Technology stack: Nodejs, Angular, Docker, Firetext, Ruby on Rails, RabbitMQ, AWS**

- **Responsibilities:**
  - Maintain API documentation, build guide, project documentation.
  - Communicate with the clients to understand their project requirements and specifications.
  - Migrate business layer from Ruby on Rails to REST API with Nodejs
  - Migrate view layer to Angular.
  - Create Unit test with Mocha to ensure business logic coverage.

Project: Quodl – Team size: 1
- **Duration: August 2020 – September 2020**
- **Technology stack: Nodejs, Angular, Docker**
- **Responsibilities:**
  - Summary business logic from legacy code, documentation, project setup guide.
  - Migrate business layer from socket.io to firebase for optimizing real-time performance.

Project: Flu Vaccination System – Team size: 12
- **Duration: July 2020 – January 2021**
- **Technology stack: Nodejs, Angular, Flutter, Docker, Firetext**
- **Responsibilities:**
  - Implement integration layer with Blackpear service for pulling patient info and write to patient record.
  - Implement API to extract/generate QR code for pulling patient info from 3rd party service.
  - Implement API to import data for vaccination details, location, batch.
  - Implement API to summary information to show in web portal charts.
  - Write unit test with Mocha to cover the business logic.
  - Code Review.
  - Implement web application with Angular.
  - Maintain API documentation, build guide, project documentation.
  - Setup CI/CD.
- **UAT Environment:** https://flu-web-uat.b13devops.com/
- **Project description:** https://www.youtube.com/watch?v=8dhB5F4Ce6A

Project: Substrakt 2way Messaging – Team size: 8
- **Duration: July 2020 – January 2021**
- **Technology stack: Nodejs, Electron, ReactJS, Docker, Firetext, Twilio**
- **Responsibilities:**

- o Implement integration layer with Firetext for text messaging and Twilio for Video call both patient and hospital staff
- o Implement socket.io for real-time support with Firetext webhook
- o Code Review
- o Implement desktop application via Electron
- o Setup CI/CD
- o Maintain API documentation, build guide, project documentation.

Project: Aortic Stenosis – Team size: 7
- **Duration: June 2020 – October 2020**
- **Technology stack: Nodejs, Angular, Flutter, Docker, Firebase**
- **Responsibilities:**
  - o Implement back-end for Heart Disease tracking application for patients of The Royal Wolverhampton Hospital
  - o Implement firebase integration to maintain the real-time service both web portal and mobile app
  - o Implement front-end with Angular for Web Portal to manage user and get reports, test results
  - o Setup CI/CD
  - o Maintain API documentation, build guide, project documentation.

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Mar 2019 – June 2020 (Full-time)

Project: CIC Consultant Onboarding Banking System – Team size: 8
- Duration: January 2020 – June 2020
- **Technology stack: Angular, Java, J2EE, Oracle Database, Docker**
- Responsibilities:
  - o Extend onboarding process of CIC Banking for 2 new products (FZK and Invest Saving)
  - o Code Review
  - o Implement new feature with Angular 8
  - o Implement new API with J2EE

Project: Soba Banking Module Finder (MF) – Team size: 4
- Duration: October 2019 – January 2020

- **Technology stack: Angular, Java, J2EE, Postgres, Docker**
- Responsibilities:
    - Implement new UI component, migrate old UI to Bootstrap style.
    - Communicate with customer (Switzerland) to clarify requirements.
    - Code Review
    - Refactor and rewrite HTML component in JSF
    - Develop new features in Java with J2EE

Project: Soba Banking Smart Identity Check (SIC) - Team Mortal – Team size: 4
- Duration: September 2019 – January 2020
- Technologies stack: Python, Spring boot 2, ReactJS, OpenCV, Docker
- Responsibilities:
    - Implement new service to replace the CBFS for reading identity from ID card/passport to MRZ code and processing to customer information
    - Communicate with customer (Switzerland) to clarify requirements.
    - Code Review
    - Design Front-end codebase with ReactJS
    - Implement POC Service for OCR with Clova framework
    - Develop back-end API in Java with Spring boot

Project: Soba Banking COB - Team Mortal – Team size: 8
- Duration: March 2019 – November 2019
- Technologies stack: Java, J2EE, JSF
- Responsibilities:
    - Write well designed, testable, efficient code
    - Communicate with customer (Switzerland) to clarify requirements.
    - Code Review
    - Write HTML component in JSF
    - Develop new features with J2EE

B13 Technology
Full-stack Software Engineer
April 2019 – May 2020 (Freelance Contract)

Project: Substrakt Healthcare
- Duration: December 2019 – May 2020

- Designation: Back-end Developer
- Technologies stack: NodeJS, NestJS, Ruby on rails
- **Responsibilities:**
  - Implement middleware for replicate the existing service (Blackpear) which will be deprecated by mapping new service (IM1) of National Health Care of UK Government
  - Testing during the integration phrase to support customer clarify information related to IM1 Service

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Project: Best Evidence
- Duration: October 2019 – February 2020
- Designation: Full-stack Developer
- Technologies stack: Elixir, Phoenix Framework
- Responsibilities:
  - Maintain and Develop new feature
  - Maintain CI/CD pipeline to deliver the product quickly (Heroku CI)
- Dev Environment: https://bestevidence-dev.herokuapp.com/

Project: Cognition Claudio
- Duration: August 2019 – October 2019
- Designation: Front-end Developer
- Technologies stack: HTML, CSS, jQuery
- Responsibilities:
  - Create HTML UI following design.
  - Create CI/CD pipeline to deliver the product quickly (Heroku CI)
- Production: https://www.studioceliberti.com/

Project: Quodl
- Duration: June 2019 – January 2020
- Designation: Full-stack Developer
- Technologies stack: Nodejs, ReactJS, MongoDB, Webpack, Socket.io
- Responsibilities:
  - Maintain and implement new feature, tuning performance for the Quiz application using for lecturer in UK universities to support student learning and revise

- - o Tuning performance for some module related to data extraction from DB to excel file
    - o Maintain CI/CD pipeline to deliver the product quickly (Heroku CI)
  - Production: https://app.quodl.co.uk/

KMS Technology
Jan 2018 – Mar 2019

Project: CoE – Central of Excellence of KMS – Team size: 8
    Online System Test (Product in planning phrase of KMS)
- Duration: December 2018 – March 2019
- Responsibilities:
    - o Research and implement Proof of Concept for new products for the Coding Interview online
    - o Working with R&D team about new technologies (Nodejs, Typescript, Redux Observable, GraphQL)

Project: iQBR (Internal Quarterly Business Review Application) – Team size: 10
- Duration: September 2018 - December 2018
- Designation: Full-stack Software Engineer
- Technologies stack: Java, Spring boot 2, Spring Data, Webflux, React JS, MongoDB, Keycloak, Material UI
- Responsibilities:
    - o Implement the solution for internal quarterly review of KMS about project state, coding, rating the status of other projects.
    - o Design front-end architecture with React, Thunk
    - o Code Review (Java/ReactJS)
    - o Work closely with designer to define UI/UX
    - o Provide training and mentor other Engineers when required

Project: Meetup - KMS Event Management System
- Duration: April 2018 - May 2018
- Designation: Supporter
- Technologies stack: Spring boot 2, MongoDB
- Production: https://meetup.kms-technology.com
- Responsibilities:

- o Perform responsibility of maintaining and developing new features to support the event KMS TechCon 2018
- o Refactor code and expose API for migration from Thymeleaf to ReactJS
- o Define plan for migration from Thymeleaf to ReactJS

Project: KA (KMS Analytics Web Application) – Team size: 7
- Duration: January 2018 - October 2018
- Designation: Full-stack Software Engineer
- Technologies stack: Java, Spring boot 2, HikariCP, React JS, MongoDB, PostgreSQL, Redux, Webpack, Docker
- Responsibilities:
  - o Maintain and implement the application use for keep tracking projects status (code quality, project quality) via SonarQube API and JIRA API.
  - o Design, implement and maintain application
  - o Design database
  - o Play the key role in development phrase of application
  - o To take part in software and architectural development activities
  - o Recommend changes to improve established java application processes

AdNovum LLC
Aug 2017 – Dec 2017

Project: UBS Mobile Banking Application
- Duration: September 2017 - December 2017
- Designation: Junior Software Engineer
- Technologies stack: Cordova, jQuery, RequireJS, Java, J2EE
- Responsibilities:
  - o Implement new feature for mobile application of UBS banking
  - o Implement API for mobile app with J2EE

REFERENCE

- LinkedIn: https://www.linkedin.com/in/vuthanhdat/
- GitHub: https://github.com/vuthanhdatdev/
- Gitlab: https://gitlab.com/vuthanhdat/

- Portfolio: https://vuthanhdatdev.github.io/