



Su T. Nguyen

SOFTWARE ENGINEER · IOS DEVELOPER

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"Life is like riding a bicycle. To keep your balance you must keep moving!" — Albert Einstein

Education

The University of Da Nang (Da Nang University of Science and Technology)

Da Nang, Viet Nam

BSC IN INFORMATION TECHNOLOGY

Aug. 2011 - Aug. 2016

- During my time at university I learnt most of my key skills that have I have taken through my career such as teamwork and working to tight deadlines.
- I thoroughly enjoyed my time as university and learnt a lot about a healthy work life balance.

Skills

DevOps	AWS, Docker, TravisCI, CircleCI, Fastlane
Back-end	Vapor, Spring, Node.js, REST API
Database	Realm, CoreData, MySQL, SQL Server
Programming	Swift, Objective-C, Javascript, Python, JAVA, LaTeX
Machine Learning	CoreML, Vision, TuriCreate, TensorFlow
Languages	Vietnamese, English
Others	Git, Nginx, MVVM, MVC

Experience

D-Soft. Co., Ltd.

Da Nang, Viet Nam

SOFTWARE ENGINEER

Mar. 2019 - Present

- Provisioned an easily managable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Code) tools like Ansible, Packer and Terraform.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher.
- Designed an overall service architecture and pipelines of the Machine Learning based Fashion Tagging API SaaS product with the micro-services architecture.
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Deployed a centralized logging environment(ELK, Filebeat, CloudWatch, S3) which gather log data from docker containers and AWS resources.
- Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.

Freelance

Da Nang, Viet Nam

SOFTWARE ENGINEER

Oct. 2018 - Mar. 2019

- I was asked to update an existing iOS apps to the latest version of iOS and to fix any issues caused by this as well as a few other existing issues.
- This projects had a very tight time scale and I was able to complete it in very good time while providing regular updates to the client.
- In that time, I had to handle and build a few projects from zero like a Project Manager.
- Built and deployed overall service infrastructure utilizing Docker container, CircleCI, and several AWS stack(Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- I also learnt some new tech skills related to <mark>Back-end Web</mark>, Machine Learning, Data Science, etc.

Asian Tech Co., Ltd.

Da Nang, Viet Nam

IOS DEVELOPER

Jun. 2015 - Oct. 2018

- At my fifth year at University, I decided to work full-time at Asian Tech.
- During my time at Asian Tech I was able to work on a large number of projects.
- I enjoy being able to work with clients to understand and surpass their expectations.
- At Asian Tech I was also given the opportunity to work with all of my core skills and to gain new skills in things such as Java.
- Some of skills that I learnt at here:
 - Designed, developed and distributed iOS applications.
 - Implemented MVC and MVVM structure for project.
 - Implemented Rxswift
 - Built and integrated RESTful API.
 - Integrated CI/CD with TravisCI, CircleCI and Fastlane.
 - Implemented and built a Server-side using Vapor framework.
 - Researched and wrote Reactive Programming, RxSwift documents.
 - Implemented Unit testing, using Quick, Nimble and RxTest.
 - Implemented Functional Programming.
 - Built and deploy services using Nginx, AWS services (EC2, S3, RDS) and Google Clouds.
 - Used Github, Gitlab and Bitbucket for project repository.
 - Team leader - Code reviewer as a code member of iOS team, mentor of junior members and interns.
 - Sharing technical knowledge through Workshop, Presentation.
 - Designed, developed and distributed iOS applications.
 - Implemented and built a Face Recognition System in ML field using TuriCreate, Vision and CoreML frameworks.

Enclave

Da Nang, Viet Nam

FRESHER - BOOTCAMP

Jan. 2015 - Jun. 2016

- I started working for Enclave company full-time during my fourth year at University.
- It was during this role that I learnt many of the fundamentals that I have been building on over the past 3 years.
- I feel like having the opportunity to use a large range of different things early on in my career has given me the drive to always want to try new tools and frameworks.