

Nguyen Tat Toan

Software Engineer



Personal Information

Birth of Date: 18/10/1976

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Language & Database & Cloud

- OOPs, Python, PHP, Kotlin, JavaScript
- AWS
- PostgreSQL, MYSQL

Framework & Library & API

- Django, OpenCV, ReactJS, NodeJS
- Sanity.io, Tailwind, Express
- Retrofit, Volley, Android
- RESTful API

IDE & Tool & Pattern

- Android Studio, Visual Studio
- PyCharm, GitHub, Anaconda
- MVVM, MVC, MVT

Education

Military Technical Academy

Degree in Electronics/Electricity

Hanoi University of Science and Technology

Degree in Electronics/Electrical Equipment

"To be a software engineer with skill and knowledge on many fields. Be useful to organization, community, and society"

Experience

Because of my long experience so I only listed two companies and positions those are latest to present.

Phuc Binh Technology Company (June 2019 – Present)

Software Engineer

As a software engineer in R&D team I am building software in combination with deep learning to create applications in security and surveillance fields using IP camera and peripherals.

Application will apply deep learning models in image processing to detect human body, recognize face and fire detection... depend on the models we applied, and customer requirement.

Currently I usually use technologies, libraries, and frameworks as listed above to build application for desktop, windows, web, and android. So far, I have joined some projects as described below.

Project: Monitor student by face recognition and notify on android app to student's parent when she/he was absent at class.

- ✓ Language : Python, Kotlin, JavaScript
- ✓ Database: PostgreSQL
- ✓ Deep Learning: Caffe model

Project: Intrusion detection by applying deep learning to detect human and alarm on screen, notify on android app to household.

- ✓ Language: Python, Kotlin
- ✓ Database: MySQL
- ✓ Deep Learning: HOG model

Project: Wi-Fi marketing by doing authentication on remote server for the goal of advertisement to client.

- ✓ Language: PHP
- ✓ Pattern: WIFI Dog
- ✓ Database: MySQL

ANZ Bank (Vietnam) Limited (Dec 2009 – Aug 2017)

Technical Officer

As a technical officer, my jobs are described as follows:

- ✓ Create tools to monitor status of ATM system
- ✓ Create tools to retrieve customer transaction data error on journal roll record
- ✓ In charge of monitoring the leased line communication
- ✓ Coordinate ATM team as well as partners and security
- ✓ Collaborate with ANZ overseas technical team to perform new functionalities for bank system
- ✓ Customer service related to technical problem on bank system
- ✓ Report and scheduling