Hung Anh Trinh

Backend Developer

Nguyen Trai, Thanh Xuan, Ha Noi

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"Persistence is very important. You should not give up unless you are forced to give up."

Summary

- 4 years Python Developer with Flask, Django, Odoo.

- 2 years Java Developer with Android, Java Spring Framework.

- Experience in system architecture, microservices, on-premise/cloud deploy, real-time system.

- Experience with Unit Testing/Test Driven Development (TDD) using pytest, JUnit.

- Good knowledge OOP concepts, Data Structures and Design Patterns.

- Good debugging, problem-solving, optimization and testing skills.

- Knowledge in Vietnamese Accounting Standards and Odoo ERP/CRM.

Technical skills

Programming	Python, Java, Kotlin, Bash
Python	Django, Django REST API, Flask, Odoo
Java, Kotlin	Android, Spring Framework, JPA
Front-end	AngularJS, Bootstrap 3/4/5, HTML5, CSS, SASS
Databases	MySQL, PostgreSQL, MongoDB, Redis, Firebase
DevOps	Docker, Kubernetes, Github Actions, Bitbucket CI CD
Debug, Monitoring	Sentry, Google Stackdriver, Grafana
Cloud	Digital Ocean, Google Compute Engine, Amazon Web Services

Work Experience

SmartGarden - Freelancer — *Ha Noi*

Developer — *05/2018 - 02/2019*

- Overview: Automatic system that controls moisture, temperature, water pumping for garden.
- Develop Android app: written in Kotlin.
- Develop Website: written in AngularJS.
- Develop Sensor Node: written in C++ with ESP8266 module.
- Design realtime remote-control flow from Android application or Web app over Websocket and MQTT.
- Use Firebase authentication, Firebase database, Firebase Hosting.

SMS System - IRIS Media Company — *Ha Noi*

Developer, Tester — *06/2019 - 08/2020*

- Overview: Use GSM devices to send and receive SMS to customer handsets
- Develop GSM client software: Python with PySimpleGUI, interactive with GSM devices, receive command from backend server, send SMS and report results.
- Develop Backend server: Spring Boot Framework with RESTful APIs and RabbitMQ
- Optimize and enhance performance up to 50.000 sms sent daily.
- Support customers in integrating APIs.

Delivery Service - Advesa Digital Solutions *Ha Noi*

Developer *09/2020 - now*

- Work in Cantec Delivery, Cantec Express that are proprietary projects owned by Advesa that provide same-day delivery service.
- Develop Backend server: Python, Django REST Framework.
- Implement business logic: payment record, commission rate...
- Debug and implement multiple timezones problems.
- Create partner API for 3rd parties integration.
- Participate in designing system architect and services communication.
- Design database structure and optimize MongoDB queries.
- Deploy, debug, monitor, scale, maintain systems on GCE and GKE.
- Support Frontend, Mobile and 3rd parties teams to consume RESTful APIs.
- Enhance system performance with Celery asynchronous task queue.
- Refactor and enhance codebase quality.

Education

HUST(Hanoi University of Science & Technology) *Bach Khoa, Hai Ba Trung, Ha Noi*

Software Engineering *Aug. 2013 - Feb. 2014*

VMMU(Vietnam Military Medical University) *Phung Hung, Phuc La, Hadong, Hanoi*

General Practitioner *Aug. 2014 - June. 2020*