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 of experience as a Backend Developer using Python, Flask, Django.

- 2+ years of experience as a Mobile Developer using Java, Kotlin.

- Experience with design system architecture, deploy on-premise/cloud and cost-optimization.

- Experience with Unit Testing/Test Driven Development (TDD).

- Good knowledge Objected Oriented concepts, Data Structures and Design Patterns.

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

- Ability to work on my own or in a team.

Skills

Back-end	Django, Django REST API, Flask, Odoo
Front-end	AngularJS, Bootstrap 3/4, HTML5, LESS, SASS
Programming	Python, Java, Kotlin
Databases	MySQL, PostgreSQL, MongoDB, Firebase
DevOps	Docker, Kubernetes, Github Actions, Bitbucket CI CD
Cloud	Digital Ocean, Google Compute Engine, Amazon Web Services

Projects

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: written in Python with PySimpleGUI, interactive with GSM devices, receive command from backend server, send SMS and report results.
- Develop Backend server: written in Spring Boot Framework, exposes RESTful API and callback API
- Optimize and enhance performance up to 50.000 sms sent daily.
- Support customers in integrating API.

Delivery Service - Advesa Digital Solutions
Ha Noi

DEVELOPER — *09/2020 - now*

- Overview: Cantec Delivery is a proprietary delivery network owned by Advesa that provides same-day delivery service.
- Develop Backend server: written in Python with Django REST Framework.
- Enhance system performance with Celery asynchronous task queue.
- Implement payment record logic, commission rate logic, 3rd partner API.
- Refactor and enhance codebase quality.
- Support Frontend and Mobile team to consume RESTful API.
- Deploy and maintain system on Google Kubernetes Engine.

Education

HUST(Hanoi University of Science & Technology) *Bach Khoa, Hai Ba Trung, Ha Noi*
SOFTWARE ENGINEERING *Aug. 2013 - June. 2018*

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