



Nguyen Viet Dung

Developer

Hanoi, Vietnam

nguyenvietdunghust@gmail.com

0982971794

OBJECTIVE

Accumulate knowledge and experience about software programming. Understand and take control many new technology. Aim to become a Technical Leader, Software Architecture, CTO... in the future.

TECHNICAL SKILLS

Programming Python:

- Back-end: strong knowledge of *Django, Flask framework*
- Websocket: good knowledge of *Django Channel*
- Restful API: good knowledge of *Flask Restful, Django Rest Framework*
- WebRTC: knowledge of *RTC Multi Connections*
- GUI: basic knowledge of *Pygame*

Programming Java:

- Strong knowledge of *Java core*
- GUI: good knowledge of *Swing, JavaFX*
- Socket: basic knowledge

Programming front-end:

- Good knowledge of *JQuery*, knowledge of *ReactJS, ES6*
- Basic *HTML*
- Basic *CSS*
- Bootstrap, ajax ...

Database management systems:

- Good knowledge of *MySQL, MariaDB*
- Knowledge of *SQL server, Postgres, SQLite*

Version control:

- Knowledge of *Git (github, gitlab)*

Cloud computing:

- Knowledge of *OpenStack*

Soft skills:

- Time management
- Teamwork
- Work independently

Other:

- Good understanding of *OOP, SOLID* principles, *clean code*.
- Knowledge of *linux (ubuntu, centos), NGINX, docker, microservice patterns (KONG api gateway)*.
- Basic knowledge of photoshop skill.

WORK EXPERIENCE

MEDITECH JSC - CLOUD SERVICE

MAR 2018 - PRESENT

PYTHON DEVELOPER

Cloud portal project

Description: a website for client to hire and use cloud virtual machines. Using Python: Flask, Flask restful, Mysql, Kong API gateway...

Main responsibilities:

- Develop authenticated service: using token
- Develop virtual machine (VM) management service: interactive with OpenStack Infrastructure to take control VMs
- Implement microservice
- Billing service

Recognition and Gains:

- Two service operates correctly & stably.
- Understanding microservice pattern, worker

Smart Class project

Description: a website allows teacher can teach, create exam, manage student score... Using Python: Django, WebRTC, HLS live stream, mysql, jQuery, Bootstrap4...

Main responsibilities:

- Analyst and design system
- Develop functions for admin (front+backend): manage classes, teachers, students, subjects...
- Develop functions for teacher(front+backend): create exam, mark, manage score, voice chat, share screen, print exam...
- Develop function for student(front+backend): do exam, voice chat, share screen ...
- Announcement function: using websocket
- Deploy on Ubuntu server

Recognition and Gains:

- Website operates correctly & stably.
- Understanding web rtc, live stream, websocket...

Mticket Project

Description: a website interactive between client and manufacturer through tickets. Using Python: Django, mysql, jQuery, Bootstrap4 ...

Main responsibilities:

- Analyst and design system
- Develop functions for admin(front+backend): manage tickets, clients, agents, ... summary, statistics (excel, chart)
- Develop functions for agent: handle, forward, receive... tickets.
- Develop function for client: create, close, send ... tickets.
- Real time: using websocket
- Deploy on Ubuntu server
- Deploy using docker

Recognition and Gains:

- Website operates correctly & stably.
- Understanding docker, websocket, js chart, converts data ...

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

AUG 2013 - JUN 2018

EDUCATION

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

JUN 2018

CERTIFICATIONS

2016

STUDENT

Final year project

Description: a video game and a website to advert game and honor top gamers. Using Java: Swing, JavaFX.; Python: Django, mysql, sqlite

Main responsibilities:

- Analyst and design system
- Develop game: design, game play,...
- Develop website

Recognition and Gains:

- Game and website operate correctly & stably.
- Understanding Java Swing, JavaFx, Pygame, sync data ...

MAJOR: ELECTRONIC AND COMPUTER SCIENCE

GPA: 2.93/4

TOEIC Certificate with score 675