



Thịnh N.

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EDUCATION

VAN HIEN University

2015 - 2018

Major: BE Electronics And Communication Engineering

Classification: Distinction

WORK EXPERIENCE

Dirox - 2018

January 2018 - December 2018

Position: Python Developer(Fullstack)

- Develop a web for IoT
- + Build Restfull API using framework Flask.
- + Build frontend using Angular.
- + Build Docker and MQTT
- + Created Database with PostgreSQL.
- + Complete detailed programming and development tasks for front-end public and internal websites as well as challenging back-end server code.
- + Build each version for the period of the project.

FPT SOFTWARE

Position: software engineer

January 2019 - Now

- Develop a project Backend Microservice system.
 - + Build a system using Kafka publish-subscribe data.
 - + Connect to the EDM database (SQL Server) and using the GraphQL server to query data.
 - + Using Pentaho to transform the data
 - + Using Node.js (Hapi) to build multi-node microservices.
 - + Database SQL server and EDM.
 - + Docker to build the image.
 - + Developing REST APIs, authentication & authorization using JWT/OAuth2 to validate data schema.
 - + DevOps CI/CD to Jenkins pipeline, Git and deploy to Cloud Tiger3
 - + Apply Newrelic to maintain the monitoring microservice.
 - + Complete detailed programming and development tasks challenging back-end server code.
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- Develop a project with advanced shale operations tools.
 - + Build a microservice using #Grpc to build server and client to connect devices, mobile applications, and browsers to backend services.
 - + Using Python to build an application app and Node.js to build client-side.
 - + Using Node.js to build multi-node microservice connect to the core application.

- + Database MongoDB.
- + Using Docker to build image also maintain the service running.
- + DevOps CI/CD to Jenkins pipeline and deploy to Tiger2 and Tiger3.
- + Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.

- Develop a web for IoT
- + Build Restfull API using framework Django.
- + Build a frontend using Angular 8.
- + Using protocol MQTT in the system.
- + Database SQL server.
- + Using Docker-container in the system.
- + Build front-end for the web.
- + Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.

PERSONAL PROJECT

Position:IOT

- Install the operating system checks Linux
- Create an application dictionary by Python
- Run application on kit Nanopi Duo.

Position:Networking

Build an Android app to synchronize the data on the app with Google Firebase.

- Performed HTTPs connections, secured user's account with bcrypt_sha256 password hasher.
- Achieved the highest score - Traveling in computer network project and helped 3 teammates create Android applications

Position:LC3B

Designed a core CPU (LC3b) architecture of Illinois University with Verilog language, verified by VCS tool in Linux environment and evaluated on FPGA (DEII Kit of Altera company).

Proposed a pipeline architecture that can function properly sixteen machine instructions and achieve 125 Mhz maximum frequency.

CERTIFICATIONS

- Scholarship Course Developer Circles Vietnam Project Innovation Challenge 2019
- Certificate of completion about IC Design
- Data Science at coder school.

SKILLS

Python	Django, Flask (Strong)
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Node js	Express , Hapi
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HTML/CSS/Bootstrap	advance
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Angular 8	Basic
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Docker, Microservices	Build Image and Microservice
Kafka,RabitMq,Grpc	Advenced
Database	Postgres and Mongodb,sql
Aws,Pentaho	Transform data,deployment
English Communication	6+
Devops,Git,Kubernetes	Jenkin Pipeline and Tiger3 and Jaguar, GitLab

ACTIVITIES

VOLUNTEER GROUP AT TUONG LAI XANH

Skill ManagerManagement games as coordinator.

- Teach life skills to children. Domestic:
- Planning for the volunteer program.
- Coordination implementation of the plan and tasks for the dedicated boards.

Media:· Planning media, PR for the program.

- Design the background of the program.

