

# Nguyen Ha Huy Hoang

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## SOFTWARE ENGINEER

I am Hoang and can call me Steve. I have 7+ years experiences for software industry as full stack position include back-end, front-end and mobile app. I began as Python developer and extend to Dev ops and Javascript. I have been working with several clients from many countries with different technologies in the fields of human resources, e-commerce and education. I'll keep working on software development to finish myself further more and approach AI greater detail because that is the future.

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## PROFESSIONAL EXPERIENCE

### Links International - Kuala Lumpur, Malaysia

Oct 2022 - Present

Position: Senior Software Engineer

#### Project: [linksinternational.com](https://linksinternational.com)

- Develop new projects and maintain the old application include websites, mobile app.
- Building website base on Django, NestJS, NodeJS, ReactJS.
- Accomplish mobile app by Expo, React native.
- Operating CICD by Azure Devops.
- Pushlising and deployment on Azure, using services like: App service, Function App, API Management, App Insight.
- Clarifying requirements with Business analysis and work in Scrum Agile framework, using Jira to monitor.

### Orient Software Development Corporation - Da Nang, Viet Nam

Sep 2021 - Sep 2022

Position: Software Engineer

#### Project: [sqa.jp](https://sqa.jp)

- Maintain project and expanding features.
- Using Python and AWS function to provide API.
- Integrattion AWS service: Cognito, DynamoDB, S3, SES, Route53 (DNS Service), CloudFront, ...
- Develop interface by ReactJS.
- Testing by Unit test, Selenium test, End-to-end test.
- Experience with Infrastructure as Code tools such as AWS CloudFormation to automate infrastructure provisioning and management.
- Building and deploying APIs using AWS API Gateway.

#### Project: [datatize.com](https://datatize.com)

- Apply Docker on applications and manage them by Docker Compose.
- Develop application on Flask, Django, FastAPI.
- Integrate Telegram API, Pusher API (as FCM).
- Operating CICD by Github action.
- Manage background jobs by airflow.

### VOOC Company - Da Nang, Viet Nam

Jan 2017 - Oct 2021

Position: Software Engineer

#### Project: [Umbalena.vn](https://umbalena.vn)

- Provide API by Django Rest Framework, Flask, FastAPI.
  - Handle background task with Celery in Django, Repeated task in FastAPI.
  - Intergrate payment API like Paypal, ApplePay.
  - Developy website on VPS on asgi, nginx, gunicorn.
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**Project: thegioigas.vn**

- Apply Docker on applications and manage them by Docker Compose.
- Provide API by Golang, Python.
- Using API Gateway like KongA.
- Using message broker on RabbitMQ.
- Proficiency in Docker command-line interface (CLI) for container management.
- Using container registries (e.g., Docker Hub) for storing and sharing Docker images.

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**TECHNICAL SKILLS**

- Service Clouds: Microsoft Azure, AWS, Google cloud.
- Programming languages: Python, Javascript, goLang.
- Framework: Django, Flask, FastAPI, NestJS, ReactJS, NodeJS, Expo, React Native.
- Database: Mysql, PostgreSQL, MongoDB, DynamoDB.
- CI/CD tools: Github, Azure Devops, Airflow.
- Source code tools: Github, Gitlab, Bitbucket.
- Methodology: Scrum Agile, Waterfall.
- Web server: wsgi, gunicorn, nginx, apache.
- Container applications: Docker, Docker Hub, Docker compose.
- Distributions: Docker Swarm, Kubernetes.

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**CERTIFICATES**

- [Python for Data science](#) by sololearn.com
- [Javascript](#) by hackerrank.com
- [SQL](#) by hackerrank.com
- [React and Redux](#) by sololearn.com
- [Nestjs](#) by tutorialspoint.com
- [React Native](#) by mindluster.com
- [Nodejs](#) by simplilearn.com
- [React](#) by hackerrank.com
- [AWS Services Fundamentals](#) by simplilearn
- [AZ-900 Fundamental Microsoft Azure](#) by Udemy
- [AZ-204 Solutions for Microsoft Azure](#) by Udemy
- [Docker swarm](#) by greatlearning.com
- [Machine learning with python](#) by freecodecamp

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**SCIENCE ARTICALS**

- Build React Native application using Expo
- Publish application on Google play store
- Publish application on AppStore
- Explore Azure App Service
- Debug in API Management Azure
- CI/CD in Azure Devops
- Function app serverless on Azure
- Lambda function AWS
- Minio Object Storage Service
- Neural Network Fundamental
- Migrations in django
- Unit Test And Selenium in Python
- OAuth And OAuth2 Workflow
- PayPal Payment Integration Guide In Service API

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**EDUCATION****DA NANG UNIVERSITY OF SCIENCE AND TECHNOLOGY****The Degree of Engineer in Information Technology**

2014 - 2019

Majors: Software Development

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