









Pham Qui Duong

PYTHON WITH AWS DEVELOPER

 1999
 0967557910
 Da Nang city, Viet Nam

 Male
 phamquiduong@outlook.com
 <https://www.linkedin.com/in/phamquiduong/>

SUMMARY

Hello, my name is Duong. I have **4 years** of experience as a backend developer using **Python** and **AWS System**.

What defines me isn't how much I know, but how I approach problems — I love taking on challenges, learning continuously, and exploring things in a deep and thoughtful way.

I am good at designing and building backend systems. I care about clean code, security, and performance. I always try to improve my skills and support my team.

WORK EXPERIENCE

DEVELOPER

8/2025 - 3/2026

DIPRO TECH (OFFICE IN DA NANG)

Backend Developer

DEVELOPER

7/2021 - 11/2024

MYNAVI TECHTUS VIETNAM (OFFICE IN DA NANG)

Backend Python Developer

EDUCATION

STUDENT

2017 - 2023

DA NANG UNIVERSITY OF SCIENCE AND TECHNOLOGY

K17 student of the IT faculty.

STUDENT

2014 - 2017

TRAN KY PHONG HIGH SCHOOL (QUANG NGAI)

Join a team to participate in a city-level IT competition.

PROJECTS

BACKEND DEVELOPER

2021 - 2023

CAR DIAGNOSIS

A website has logic showing a visual result by data from the driver.

Team size: 6

Technical:

- Python Django (Main server)
- PostgreSQL
- AWS

Responsibilities:

- Handle business logic, calculate result from IoT data and create APIs.
- Use AWS lambda and eventbridge to handle async tasks and scheduler jobs.
- Create API login for mobile WebView and implement FCM push notifications.
- Capture data changes for new driver trips for analytics and reward point earning.
- Configure Nginx and Docker Compose.
- Create infra guideline documents for clients.

BACKEND DEVELOPER

2024 - 2024

STUDENT INTERVIEW

A website that supports schools and students in conducting interviews and suggesting featured jobs.

Team size: 10

Technical:

- Python Flask on AWS Lambda (4 services)
- Alembic (Migration service)
- PostgreSQL
- AWS

Responsibilities:

- Handle logic and create API.
- Use AWS SQS and Lambda function for bulk email sending.
- Use AWS Step function and Lambda for bulk export PDF
- Optimize performance of API.

BACKEND DEVELOPER

2024 - 2024

DIGITAL TRANSFORMATION (DX)

Internal project to simplify letter submission, with automatic tracking and task reminders.

Team size: 10

Technical:

- Python on AWS Lambda (Event-Driven)
- AWS Step Function (Orchestration-based Saga)
- AWS SNS and AWS SQS (Push and Trigger Event)
- DynamoDB (Save state and result)
- Slack SDK and Slack Bolt (Submit and Push notification)
- FastAPI server and PostgreSQL (API for Data-Mart)

Responsibilities:

- Handle letter submission logic using Step Functions (notify, wait for approval/rejection).
- Handle business logic and create APIs.
- Build Slack form, notification. Handle Slack event.

DEVELOPER

2025 - 2025

QUEUE SYSTEM

Create system queue with SOAP, integrate with calculation system and machine

Team size: 3

Technical:

- Python Django (Main server)
- PostgreSQL
- Celery Beat and Celery Worker with Redis Broken (Business handler)
- Prometheus monitoring system

Responsibilities:

- Integrate with SOAP system.
- Build infra system for server, database, queue and monitoring system
- Create Worker work with Calculation System (Windows DLL).
- Create Prometheus monitoring system
- Custom Django Admin show System status and Configure
- Create Docker file and docker-compose script

BACKEND AND DEVOPS

2025 - 2026

CARD EXCHANGE

Create a system for help card exchange, payment and auction.

Team size: 5

Technical:

- NestJS (Main server)
- PostgreSQL
- DynamoDB
- Elastic cache - Redis
- Stripe API and ChatGPT API
- AWS and CDK

Responsibilities:

- Create NestJS API.
- Build infra system.
- Working with Stripe payment API and ChatGPT API.
- System Design for Auction and Save Auction Histories
- Create CDK script full deployment.
- Create CICD in Github action for both backend and frontend.

CERTIFICATIONS

Da Nang University of Science and Technology - Information Technology Engineer

March 2023

HONORS & AWARDS

The second prize in the provincial-level Informatics in Quang Ngai

12th Grade - 2016

The first prize in the provincial-level Informatics in Quang Ngai

11th Grade - 2015

ADDITIONAL INFORMATION

English communication