

Nguyễn Thành Nam (Nam Nguyen)

DevOps Engineer

Location: Hanoi, Vietnam
Phone: (+84)868249929
Email: thanhnamdev308@gmail.com
Github: github.com/thanhnamdev308

PROFESSIONAL SUMMARY

- Have 2 years of experience in software development, 1 years as DevOps Engineer.
- Experienced in Python and Bash scripting and working with Linux systems.
- Experienced with AWS Cloud.
- Experienced in building CI/CD pipelines.
- Highly adaptable to new technology and working environments.
- Good at team work and communication skills.

TECHNICAL EXPERTISE

Programming languages	Python, Shell, NodeJS
Operating Systems	Linux, Window, QNX
Databases	MongoDB, PostgreSQL
Web Servers	Nginx
Cloud Services	AWS
Container Orchestration	Docker, Kubernetes
CI/CD	Jenkins
Infrastructure as Code	Ansible, Terraform
System Monitoring	Prometheus, Grafana
Vulnerability Scanning Tools	SonarQube, Blackduck, Coverity

WORKING EXPERIENCE

06/2023 - now	DevOps Engineer, FPT Software - Hanoi <ul style="list-style-type: none">• Description: In charge of tasks relating to Deployment and CI/CD of a robots monitoring web project.• Programming Language: Python, Shell, NodeJS.• Platform: On premise (Ubuntu) and on cloud (EC2, ECS).• Skills: Docker, MongoDB, Jenkins, AWS ECS.• Main tasks:<ul style="list-style-type: none">- On local system: set up robots monitoring application to be accessible from local network using Docker Swarm.
---------------	--

	<ul style="list-style-type: none"> - On cloud: deploy web application synthesizing robots data from all local sites on AWS ECS, accessible from the Internet. - Jenkins to test and upload docker images to Registry. - Write Database Backup script using bash script. - Make estimation for AWS resources (ECS, EC2, S3, ALB,...). - Make instructions, user manual to install and use the system on customer sites.
05/2022 - 05/2023	Automation Test Engineer, FPT Software - Hanoi <ul style="list-style-type: none"> • Description: Write automation test scripts for automotive software. • Programming Language: Python, Shell, C++. • Platform: Linux embedded/QNX, Android Automotive. • Skills: Automation testing (Slash framework). • Main tasks: <ul style="list-style-type: none"> - Write script for automatable test cases with Slash framework (similar to Pytest) for BSP (Board Support Package) component. - Write unit tests for existed modules (in C++).

EDUCATION

08/2018 - 09/2022	Hanoi University of Science and Technology Bachelor Degree of Control Engineering and Automation
04/2023 - 08/2023	FPT Software Academy DevOps Foundation Course <ul style="list-style-type: none"> • System Operation: Linux. • Cloud Services: AWS. • Containerization: Docker, Kubernetes. • CICD: Ansible, Terraform, Jenkins, Prometheus, Grafana.

CERTIFICATIONS AND AWARDS

03/2022	TOEIC International 885
04/2024	AWS Certified Solutions Architect - Associate