

Nguyễn Thành Nam (Nam Nguyen)

DevOps Engineer

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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.
- 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 (Ubuntu), Window, QNX
Cloud Service	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.- 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 Python.
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	<ul style="list-style-type: none"> - Make estimation for AWS resources (ECS, EC2, S3). - Make instructions, user manual to install and use the system on customer sites.
05/2022 - 05/2023	<p>Automation Test Engineer, FPT Software - Hanoi</p> <ul style="list-style-type: none"> • Description: Write automation test scripts for automotive software. • Programming Language: Python, Shell • 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. - Investigate tests running failure or on Jenkins.

EDUCATION

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

CERTIFICATIONS AND AWARDS

03/2022	TOEIC International 885
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