# VI Long Tran

**DevOps Engineer**

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## Profile

DevOps Engineer with 2+ years of experience working in various technology fields including CI/CD, Microservices, and Embedded application developments. Skilled in developing platforms to support implementing and maintaining CI/CD pipelines, developing and deploying Microservices as containerization in the Kubernetes clusters.

## Education

**Ho Chi Minh University of Technology**  **Ho Chi Minh, Vietnam**  *Aug 2018 - Sep 2022*

Falcuty of Computer Science of Engineering

*Bachenlor of Engineering* in Computer Engineering

## Licenses & Certifications

- *Ets* TOEIC for Reading-Listening skills with 640/990 scores. (Aug. 2022)

- *Ets* TOEIC for Speaking-Writing skills with 200/400 scores. (Sep. 2022)

- Fundamentals of Action Learning from *WIAL Vietnam*. (Oct. 2023)

## Experience

**DEK Technologies Vietnam**  Ho Chi Minh, Vietnam

*DevOps Engineer*  *Feb 2022 - Present*

- **CI/CD Pipeline Management**: Creation and maintenance of the **Argo Workflow** pipeline, streamlining development processes for enhanced efficiency.
- **Automation Expertise**: Utilize scripts and **Python**, in conjunction with **Docker**, **Kubernetes**, **Helm**, and **Jfrog Artifactory**, to automate tasks seamlessly through the **Argo Workflow** CI pipeline.
- **Deployment Management**: Proficiently work with **Argo CD** to deliver resources to designated locations, ensuring a smooth deployment process.
- **Clusters management**: Use **Rancher** for effectively manage **Kubernetes** clusters.
- **Unit Testing**: Employ **Python** and **Pytest** to write comprehensive unit test cases for Microservices developed using **Python**.
- **Backend develpment**: Develop Microservices nodes using **Python** that provide **RESTful APIs** to support for CI/CD pipelines.

- **Task Management**: Efficiently manage daily tasks through **Jira** and follow **Agile** way of working, ensuring seamless coordination and prioritization.
- **Collaborative Problem Resolution**: Proactively bring up ideas, and engage in discussions with team members to identify and resolve challenges.

**CloudNine: The Automation Software Company**  Ho Chi Minh, Vietnam

*Embedded Linux Intern*  *Jun 2021 - September 2021*

- **Unittest implementation**: Write unit test cases for C++ application using **CppTest** framework.
- **GNU Make**: Write Makefile for compiling C++ application on Linux environment.

## Other Projects

- **Flashcard tracker**: An application built from Python and deployed in AWS ECS that communicates with users in Telegram, helps to learn and remember vocabulary performed in Flashcard.
- **Health and life service**: Service built from Python and deployed in AWS ECS reminds users about goals in the day and scheduler via WhatsApp.
- **Autonomous robot in uncertain environments**: Autonomous robot has model Turtlebot3 burger that can determine obstacles and move throughout open points to go to goal.

## Skills

- **Programming Languages:** C, C++, Python, Bash

- **Technologies:** AWS, Kubernetes, Docker, Helm, Rancher, Argo Workflows, Argo CD, Artifactory, Git

- **Developing environments:** Linux, Windows

- **Database:** MySQL, Microsoft SQL, Elasticsearch

- **Data visualization:** Kibana, Matplotlib

- **Communication Protocol:** RESTful API, MQTT, Kafka

- **Soft Skills:** Presentation, Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability

## Languages

- **Vietnamese** [Native]
- **English** [Intermediate] - B2++