

Le Van **TRUONG**

B.Sc, M.Sc, DevOps Engineer

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Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector. Proficient in Python, Java and good working knowledge in object-oriented programming, strong experience in DevOps and automation process.

PROFESSIONAL EXPERIENCE

April 2023 –
Today

MLOps / DevOps engineer

GE Healthcare, Valbonne, France

Technical leader responsible for GE Healthcare's machine learning cloud platform, which classifies ultrasound device fault signals and predicts overall pass/fail metrics to significantly reduce investigation time and manufacturing costs.

Main activities:

- Managing a fleet of virtual machines and on-premise devices across multiple global sites (USA, China, Japan,...) with a focus on security, performance optimization, deployment, and release management
- Leading the design and validation of the architecture for the "Probe Health" project, aimed at monitoring the health status of medical probes deployed in hospitals. This involves ingesting raw data from AWS and applying image processing and ML techniques to extract meaningful insights and enhance diagnostic reliability.
- Designing new Azure architecture for bypassing Azure IoT-edge limitation and adapting client desires.
- Managing and maintaining SQL database, ML model, CI/CD on various environments DEV/UAT/PRD.
- Reducing manual tasks with automation scripts.
- Integrating multiple visualization tools for better monitoring (internal website, powerBI, Azure monitoring, automatic reporting...)

Keywords: Azure, AWS, Python, Azure Devops, Databrick, SQL, DataFactory, IoTEdge Solution

August 2021
– March
2023

IT Automation and CI/CD Software Developer

Alten, Nice, France – working for AMADEUS

Responsible for the maintenance and development of the automation of internal software components, their deployment and monitoring. In addition, also working on improvements for the overall automation pipelines.

Main activities:

- Writing Python and Bash scripts for automating manual tasks aiding the work of code developers.
- Troubleshooting and debugging logs errors in loaded code in all software development phases from testing environments to production.
- Responsible for the monitoring of software loads on servers and for the configuration of loaded components.
- Managing Jenkins pipelines and their configurations for each software component.
- Controlling airline GUI activities: release, deactivation, patching, airline data migration.
- Coordinating more than 10 teams in Amadeus to complete airline schema migration operations in production environment.
- As team Scrum Master, responsible for coordination and collaboration among team members, following a SCRUM methodology.

Keywords: Python, Bash, Java, C++, Gradle, Bit Bucket, Jenkins, SAlFe, Scrum, Kanban

September
2019 – July
2021

Research and Development Engineer

LabSoC - Télécom-Paris, 06940 Sophia-Antipolis, France

Developing the **TTool** (<https://ttool.telecom-paris.fr/>) which is a toolkit dedicated to the edition of **UML** and **SysML** diagrams, and to the simulation and formal verification (safety, security, performance) of those diagrams.

Main activities:

- Reducing the data transmission time via socket by reorganizing the data.
- Creating the brand new feature for the implementation of both single core and multicore systems.
- Integrating new interactive simulation window, improving user experience by illustrating transactions, tasks, hardware information under timeline diagram.
- Achieving terminal system, adding more commands, allowing user to run the simulation both with GUI and terminal interface.
- Upgrading TTool GUI (Graphical User Interface) to make it more user-friendly and more optimized, adding java tests to ensure that certain parts of the tool work as expected.

Keywords: Java, Java Swing, JUnit, Gradle, Git, C, C++, html, css, Valgrind, GDB, UML/SysML, JSON, Microservices, Agile Scrum.

February
2019 – July
2019

Intern

INRIA - DATA MOVE Team, 38058 Grenoble Cedex 9, France

Subject: On-Line Learning from Multiple Simulations with TensorFlow

Keywords: Python, DNN, Machine Learning; Python Docker Images, High Performance Computing;

June 2017 –
September
2018

Software Engineer

HUMAX Vietnam R&D Center, Hanoi, Vietnam

- Android platform team.

Keywords: Java, Android Studio, Set top box, ffmpeg, Docker, Embedded, Gradle, Jenkin, Jira, Agile Scrum.

EDUCATION	
2018 – 2019	Bac +5, Master in Grenoble INP, institut d'ingénierie Univ. Grenoble Alpes (2018 - 2019): MOSIG - Data Science - Machine Learning - Deep Learning - Neural Network
2012 – 2017	Bac +5, Hanoi University of Science and Technology (HUST), Vietnam Electronic and Telecommunication (Excellent Engineer Training Program)

PROJECTS	
Vodafone SOS Band	Developing and maintaining a fall detection device for elder people, sending alert to family members in emergency.
Hyundai car head unit	Manufacturing built-in mobile systems head unit with integrated Android platform, enabling syncing of vehicles with smartphones.
Intern research	Deploying human detection and tracking using camera (OpenCV). When a human appears on camera, camera will detect and follow the human movement. Helping to design and generate a model that can learn from data transferred from smart watch and then recognize the handwriting characters and display it through smart phone.

SKILLS
Azure, AWS, Java, JUnit, Python, Spring boot, C, C++, Java Script, Css, Html, Git, SQL, Bash, UML/SysML, OpenCV, TensorFlow Gradle, Git, Jenkins, Docker, Eclipse, IntelliJ, Visual Studio, Vim, Valgrind, GDB, Unity, Android Studio.

LANGUAGES
English (Professional working proficiency) Vietnamese (Native language) French (Intermediate - B1)

REFERENCES
<ul style="list-style-type: none">Coding game profile (top 0.4%)Google IT Automation with Python Professional CertificateMicrosoft Azure Fundamentals CertificateUdemy certificate: “Object-Oriented Programming - From Basics to Advance (Java)”Continuous Integration and Automation with Jenkins: 2-in-1Scaled Agile, Inc. logo Certified SAFe 5 PractitionerPython CertificateTestDome Java top 10% certificateTestDome C++ top 10% certificateLinkedin: https://www.linkedin.com/in/levan-truong-219b6b157/Github: https://github.com/HellboyVN?tab=repositories

HOBBIES
Trekking, Voyaging, Football, ping pong, badminton, tennis