



Tô Văn Lâm

CLOUD ARCHITECT, COMPUTER SCIENCE

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SUMMARY

- A competent and highly energetic Cloud engineer, with over 3 years of experience in building and managing large-scale IT infrastructure. Deep understanding of OpenStack, very capable with a proven ability to troubleshoot and ensure the smooth running of ICT systems and to provide IT services that will improve the efficiency and performance of a company.

- Some of the major systems have implemented are Viettel Online Charging System (VOCS), Evolved Packet Core (EPC), IP Multimedia Subsystem (IMS).

- Although not related to the main job, I am also confident about the algorithm ability and have been involved in many projects related to Machine Learning, Natural Language Processing, Image Processing.

EDUCATION

Oct 2013 - May 2018	Hanoi University of Science and Technology Talent Engineer Program Major: Information and Technology CPA: 3.53/4 Ranking: Top 3%
Oct 2010 - May 2013	Tu Ky High School Major: Math University entrance math examination: 10/10

SKILLS

Operating system	Linux, Microsoft Windows
Programming language used	C, C++, C#, Java, Python, Android, JavaScript, NodeJs, Ansible
Preferred programming language	Python, JavaScript, Shell Script
Database	SQL, MongoDB, Percona Cluster Db, SQLAlchemy
Framework	NodeJS, Ionic, Tensorflow, Keras, Flask
Cloud Computing	Ansible, Docker, Openstack, Kubernetes, DPDK, SRIOV
Language	Vietnamese, English (TOEIC 720)
Tool	Paint, Adobe PhotoShop, Unity 3D
Some products	https://github.com/lamtov?tab=repositories
Certifications	Certificate Red Hat OpenStack Administration III

WORK EXPERIENCE

Jun 2018 - Now

Viettel High Technology Industries Corporation

Cloud Architect - In charge of everything related to IT and Cloud.

- Develop and contribute supporting tools, enhance the capacity of systems using Java, Python, Flask, SQLAlchemy, Ansible, Openstack, Kubernetes, Mano, SDN, SRIOV, DPDK ...
- Intramural magazine: Research and improve compute virtualization technology based on QEMU-KVM virtualization platforms (CPU Pinning, HugePage, OVS-DPDK) to apply to deploy virtualization of vOCS 3.0 charging system.
- Setup and deploy Cloud Network Functions Virtualization Infrastructures, do configuration management, performance optimization, monitoring, and system troubleshooting
- Deployed system
 - + VOCS (Viettel Online Charging System)
 - + EPC (Evolved Packet Core)
 - + IMS (IP Multimedia Subsystem)
- Design and develop tools to support automated deployment and monitoring of applications in the NFVI virtualization infrastructure
- Develop tool to support troubleshooting using python Flask, Ansible, Selenium
- Research and develop Kubernetes features to meet requirements in telecommunications (SRIOV, DPDK, ISTIO)

Mar 2019 - Apr 2020

JAVIS JaPan

Part Time Computer Science

- VR Stadium: Make 3D model move follow bone structure detect from 2D recorded video.
- Fashion AI: Find outfits similar to the selected one, evaluate the compatibility of an outfit
- Golf Helper: Assists golfers by measuring the movement angle of the skeletons through the camera

Sep 2017 - May 2018

Samsung Vietnam Mobile R&D Center

Auto Generate Image Description

- Analyze and design modal CNN-RNN for generating image description
- Improved by using LSTM combine with Beam search and RCNN

Nov 2016 - Aug 2017

Hoa Sao corporation

Working with the TelehubCRM system of the corporation by NodeJS

- Analyze and design additional features for TeleHub CRM

July 2016 - Nov 2016

TechMaster

Backend Programming with NodeJS, MongoDB, React

Experienced with MERN (MongoDb, Express, React, Nodejs)

Nov 2015 - Mar 2016

Hanoi University of Science and Technology

Game Chess Java and Game Caro Chess Online Server

Project Ionic Reader help children learn to read

ACHIEVEMENT

2019-2020	Award of the top 100 employees who contributed the most in VHT 2019
2019-2020	Emulation Trooper award for the top 3 best employees in the company
2014-2015	University scholarships with GPA 20142: 3.74/4
2013-2014	University scholarships with GPA 20132: 3.54/4
2012-2013	Third place in the provincial math exam

HOBBIES

- I like playing chess, I have won 300 matchs in Lichess.org and my max elo is 1800.
- There is another hobby that I really enjoy - joining the online algorithms contest on CodeFight, CodeForces, Hackerrank.
- I have solved 213 hard tasks in codefights (https://codefights.com/profile/lam_van_to)

REFERENCES

Trần Văn Thuyết
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