Kien **Nguyen**
Curriculum Vitae

PERSONAL DETAILS

Full Name:	NGUYEN TUAN KIEN
Birthplace:	Ukraine
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EDUCATION

University   2012-2017

Ha Noi University of Sciene and Technology, Ha Noi
Major: Information System. CPA : 3.23/4.0

WORK EXPERIENCES

Internship   2015-2017

International Institute for Computational Science and Engineering(ICSE)

1. Learn and deploy Cloud Computing and OpenStack.
   - OpenStack Kilo and Mitaka Release.
   - Work with Linux distros: Ubuntu and RedHat
   - Deploy OpenStack High Availability with HAProxy and Pacemaker in RedHat servers.

2. Learn and work on BIMI(Bio-Informatics Management Interface) Project tutored by Ph.D Binh Minh Nguyen, MSc Hieu Le (Fujitsu Vietnam).
   - Implemented in Python.
   - Visualize Bio Workflow with Django(OpenStack Horizon) and GoJS.
   - Control Bio Workflow with OpenStack Mistral - Workflow Service.
   - To interact with Docker(Build image and run container), OpenStack Heat Docker is used.
   - OpenStack Swift is used as storage backend.

3. Learn and work on CAL Project(Cloud Abstract Layer) tutored by Ph.D Binh Minh Nguyen(HUST), MSc Hieu Le(Fujitsu Vietnam).
   - Implemented in Python and still in progress.
   - Abstraction of cloud resources.

- Use Falcon - Python Web Framework to implement WSGI in CAL.
- CAL is also designed to use as a library.
- Now, CAL is available in Pypi (`https://pypi.python.org/pypi/calplus/`)

4. Commit to OpenStack, tutored by MSc Hieu Le (Fujitsu Vietnam).

5. Deploy OpenStack in Docker containers with Kolla and Ansible.

6. Final Year Project: Object storage management in Multi-cloud (OpenStack Swift and Amazon S3) using CAL lib and Chord protocol.
   - Works with OpenStack Swift and Amazon S3 using CAL lib.
   - Implement Chord protocol for data lookup purpose.

Internship & Parttime Developer   2016-2017

Vega Corporation

1. Work with OpenStack in production environment.

2. Write shell scripts for OpenStack automate deployment.

3. Monitor OpenStack and virtualization service with Zabbix.

4. Learn about Kubernetes - an open-source system for automating deployment, scaling, and management of containerized applications.

Software Engineer   2017-Present

Fujitsu Vietnam Ltd

1. Become OpenStack upstream contributor.
   - Contribute to OpenStack projects.
   - Communicate with other OpenStack contributors around the world.

2. Become OpenStack Zun core reviewer.

3. Setup environment & test Heat Rolling upgrade strategy.

4. Docker & Kubernetes.

TECHNOLOGY SKILLS

Programming Languages	Python(Advanced), Bash/Zsh Shell(Intermediate) Java, PHP(Intermediate), C(Basic)
Markup Languages	HTML, CSS(Basic), Markdown(Advanced)

	reStructuredText(Intermediate)
Databases	MySQL(Intermediate), Microsoft SQL Server(Basic)
Operating Systems	Linux(Intermediate), Window
Collaboration Platform	Git - GitHub
Github Integrations	Travis CI, Coveralls
CloudComputing	OpenStack(IaaS), Heroku(PaaS)
Container Platform	Docker(Intermediate), Kubernetes(Intermediate)
Another	InfluxData Products(Basic), Zabbix(Intermediate)

LANGUAGE

Vietnamese	Mothertongue
English	Can read and understand IT references. TOEIC: fillitlater

AWARDS

- First Place Winner with BKCLOUD Team - 2015 National IT Olympic Contest, Open Source Software Content.
- Merrit of Ministry of Science & Technology for First Place Winner - 2015 National IT Olympic Contest, Open Source Software Content.

RESEARCH INTERESTS AND DESIRES

- Work with Python and its library.
- Join in Openstack-based IaaS Cloud Project.
- Learn more things about Cloud computing,FOSS like OpenStack, Docker, Puppet, Ansible...
- Desire to build an enterprise solution from architecture designing to coding, operation, based on OSS solution such as OpenStack (for infra management), Docker (for platform deployment), Ansible (for automation deploying and CI, CD).

- Work with experienced persons and in enterprise enviroment.

- Bring knowledges about OSS to production environment.

- Flexible time schedule.