

Jakub Kvita

Kubernetes Devops Engineer

Phone: +420702973246

Website: <https://www.linkedin.com/in/kvitajakub/>

Email: kvitajakub@gmail.com

I'm Czech software engineer focused on cloud infrastructure, container orchestration and site reliability.

I like to work on clean infrastructure and making it easy for other people. Designing and working on highly available systems that are just running and people won't even notice failures is very enjoyable for me. I love automation because you can almost feel the power under your fingers and things just click. But I also respect it as things can go south even faster when you mess up. But that is not a reason to stop.

During my studies I focused on many different areas of IT ranging from compilers and computer graphics to databases, machine learning and distributed computing before I found myself in cloud and containers.

EXPERIENCE

Absa Group

September 2018 to Present

Senior Kubernetes Devops Engineer

Running containers on mix of bare-metals and VMs for Absa (~previously Barclays Africa) services in South Africa. Some of my responsibilities:

- Managing and supporting mix of Openshift and Rancher/Kubernetes clusters.
- Building Harbor and Vault offering for ourselves and bank dev teams.
- Enhancing the New Relic monitoring stack and expanding to Prometheus.

Vestorly

September 2016 to July 2018

Infrastructure Engineer

I worked on the infrastructure of Vestorly's engagement platform website and their newsletter. My job varied quite a lot since we were a small company. Some of my tasks follow:

- I implemented and configured whole CI/CD pipeline with CircleCI.
- Migrated from Heroku to Docker and Kubernetes.
- For networking/delivery we used Route53, Cloudfront and Nginx.
- I maintained and deployed mostly infrastructure AWS with some services on GCP like GKE.
- Occasionally I did some DBA work on our MongoDB databases.
- I also automated internal release notes generation workflow.

CERN

June 2015 to August 2015

OpenLab Summer Student

I worked in the Cloud and Virtualization team on configuring backends and backups for Openstack volumes. (Tape storage and massive HDD arrays.)

Part of the internship was series of lectures about IT department of CERN and CERN mission.

Red Hat

February 2015 to June 2015

Quality Assurance Engineer (Internship)

Writing test cases for Pulp project. I worked on REST API Python tests, using Jenkins and Gerrit.

Red Hat

June 2014 to January 2015

Quality Assurance Engineer (Internship)

Testing subscriptions of customers and CDN content using Python. Planning in Redmine/Trac and Bugzilla. Distributed team - China, India, US and Europe.

EDUCATION

Brno University of Technology

2013 to 2016

Master's degree

Follow-up two-year Master's degree programme more specialized on computer graphics, signal processing and computer vision. Still included many advanced courses from different fields like networks, databases and hardware.

The University of South Wales

2013 to 2014

Master's degree (Erasmus)

One-year Master's programme with several courses and independent research project. I worked on projects regarding network security policy for a large company, neural network model or Java database client.

My study abroad experience (Erasmus).

Brno University of Technology

2010 to 2013

Bachelor's degree

The three-year Bachelor degree programme with a broad range of courses, starting with basic programming and electrical engineering, through formal languages, signal processing and databases, to simulations and computer graphics.

CERTIFICATIONS

First Certificate in English - Level C1

May 2013

Cambridge English Language Assessment

Computer Vision and Intelligent Computer Systems Intensive Program

June 2014

Université de Bourgogne

Cisco Certified Network Associate Course

January 2013

Cisco