

Jakub Kvita

DevOps Engineer

I'm Czech software engineer focused on cloud infrastructure, container orchestration and site reliability. Last seen working at Vestorly and sending their best email newsletter with Ruby on Rails microservices on Kubernetes.

I like to work on clean infrastructure and making it easy for other people. Designing and working on high 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. I also respect it as things can go south even faster when you mess up, similarly to fire. 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 machine learning and distributed computing. Hence the quite broad range of projects.

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EXPERIENCE

Vestorly

AUGUST 2016 - JULY 2018

Infrastructure Engineer

I worked on infrastructure of Vestorly engagement platform and their best email newsletter. Here's the list of stuff I did:

- I implemented and configured whole CI/CD pipeline with CircleCI.
- I was in charge of the microservices migration from Heroku to Docker and Kubernetes. I designed entire solution from cluster deployment and routing to logging and monitoring solutions.
- For networking/delivery I was using Route53, Cloudfront, Nginx and mix of AWS and GCP loadbalancers.
- I maintained and deployed infrastructure mostly on AWS with some services on GCP as well as Azure (hey, free startup credits).
- Occasionally I did some DBA work on our MongoDB instances.
- I also automated internal release notes generation workflow.

CERN

JUNE 2015 - 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.)

Red Hat

JUNE 2014 - JUNE 2015

Quality Assurance Engineer (Internship)

Part 1 (June 2014 - January 2015)

Testing subscriptions of customers and CDN content using Python. Planning in Redmine/Trac and Bugzilla. Distributed team.

Part 2 (February 2015 - June 2015)

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

EDUCATION

Brno University of Technology
Master's degree, Computer Graphics

2013 - 2016

The University of South Wales
Master's degree, Computer Science

2013 - 2014

Brno University of Technology
Bachelor's degree, Information Technology

2010 - 2013

SKILLS

Linux, AWS, GCP, Git, Ruby/Rails, CircleCI, Docker, Kubernetes,
Helm, Fluentd, Prometheus, Ansible, MongoDB, Redis, DNS
