

Benjamin Akhras

Curriculum Vitae

WORK EXPERIENCE

- Since 2021 **AIT - Austrian Institute of Technology**, *Research Engineer*.
Infrastructure architecture for an openstack cluster, for various research projects. Managing a hybrid cloud environment via terraform and ansible. Design and implementation of cyber security trainings based on a cyber range <https://www.ait.ac.at/en/research-topics/cyber-security/cyber-range-training>
- Dec 2016–Jan 2021 **BMLV - Federal Ministry of Defence**, *System Programmer*.
Setup and maintenance of core infrastructure on RHEL with Puppet. Continuous Integration and Deployment with Gitlab CI, PostgreSQL, InfluxDB and Puppet. Network and system architecture for various classified systems, from planing to implementation. Implementation of system software in Python and Go. Reviewing source code, planning and holding trainings (CI/CD , Git, Agile Development).
- Nov 2014–Dec 2016 **Emakina CEE**, *DevOps Engineer*.
Installation, setup and maintenance of a heterogeneous server environment on a VMWare cluster. Implementation and setup of a Configuration Management with Puppet on CentOS.
Introduction of various DevOps tools and techniques, as CI with Teamcity and Gitlab CI, deployments with Docker. Training colleagues in using these tools and utilization of DevOps techniques in development process.
Design and configuration of the server-environment for shop.billa.at, merkurmarkt.at and adeg.at for the REWE Group.
- Jun 2013–Sept 2014 **BMLVS - Federal Ministry of Defence**, *Linux Server Administration*.
Installation, setup and maintenance of the core mailing infrastructure based on Postfix, OpenLDAP, and IBM Domino server.
Design and setup of a Configuration Management with Puppet on RHEL

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Jul–Nov 2012 **INNOC**, *Java Developer*, "Roboat" project <http://www.roboat.at/>.

EDUCATION AND TRAINING

- 2013–2017 **University of Applied Sciences Technikum Wien**, *Information and Communication Systems and Services*
Bachelor of Science, co-operative program of work and study.
- 2006–2012 **HTL Spengergasse**, *Electronic data processing*, main focus on computer networking.

IT Operations

- Unix RedHat, Debian, Ubuntu, FreeBSD
- Cloud Certified AWS Solution Architect
- Software Puppet, Apache, Nginx, Postfix, OpenLDAP, Git, Docker, Ansible, Terraform
- Sonstiges Cisco Router configuration (CCNA 1-4), IBM Domino

software development

- Java Roboat Project & CI/CD @BMLV
- Python DevOps Engineering BMLV & Emakina
- Golang DevOps Engineering BMLV & Emakina
- Puppet DevOps Engineering BMLV & Emakina
- Ansible DevOps Engineering AIT
- Ruby DevOps Engineering Emakina
- C, C++, PHP Basic knowledge

Languages

- German native
- English fluent

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