Karol Kozlowski, Linux engineer/programmer

Personal Data

Date of Birth	10th August 1984, Wroclaw, Poland
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Summary

I am an experienced Linux system engineer proficient in developing and maintaining complex solutions. My skills include experience with database systems, continuous integration, deployment automation, configuration management and source code control. I have been working in medium and large teams as well as a standalone developer and build manager.

Work History

03/2019 - present   **UBS Business Solutions Center Poland**, IT Software Engineer (AD)

Cloud engineering team: enabling container-based deployments using VMWare Tanzu (on-prem) and AKS (public cloud). Automating infrastructure deployments with Terafform (IaC)

03/2018 - 02/2019   **BNY Mellon Poland**, Specialist Systems Engineer / Programmer (VP)

*Developing internal container-based deployment platform using **HashiStack** (Nomad + Consul + Vault, Terraform). Improving team's SDLC with automated CI/CD processes. Supporting, refining and improving the deployment and performance of core products as a member of Site Reliability Engineering team. Working closely with the developers and operations teams to provide expertise in root cause analysis or develop automation allowing for self-healing of services.*

02/2016 - 02/2018   **UBS Business Solutions Center Poland**, Linux Systems Engineer (AO)

Developing internal operating system release based on the RedHat Enterprise Linux. Responsible for rating, testing and delivering security advisories to internal customers. Developing internal tools supporting continuous testing, integration and delivery of various system components.

03/2012 - 01/2016   **HERE, a Nokia company**, Senior Systems Engineer

Working using DevOps approach to develop automated deployment and configuration platform - a highly available solution to control thousand nodes around the world. Continuous integration and testing of Puppet manifests. Developing in-house solution for package ingestion and distribution (REST).

03/2008 - 03/2012   **Tieto Poland**, Software Engineer

Linux system administrator and developer for high-load positioning SUPL protocol service. Build management, integration, design, development and system testing.

Education & Courses

2015	**Advanced Architecting on AWS**
2010	**Advanced MySQL Administration**
2003 - 2008	**Master of Science in Electroncs and Telecommunication**
	Wroclaw University of Technology, faculty of Electronics
1999 - 2003	**High School No. I in Wrocław**
	profile with extended natural sciences and information technology

Professional Skills

- **programming languages:** Python, Ruby, Perl, bash, C/C++

- **continuous integration:** Jenkins, TeamCity, GitLab CI, Cruise Control, Rake

- **configuration management:** Puppet, RedHat Satellite

- **orchestration:** Ansible

- **databases:** MySQL, SQLite, CouchDB, Postgress

- **development tools:** Vim, GNU toolchain, gdb, valgrind, strace, VSCode

- **software configuration management:** Git, Subversion, Telologic Synergy

- **operating systems:** RedHat, CentOS, Debian, Gentoo, Arch

- **packaging:** RPM, gem, puppet forge, ansible galaxy

- **virtualized environments:** AWS, Azure, Xen, KVM, OpenVZ, VMWare, Mesos

- **containerized environments:** LXC, Docker, Kubernetes, Marathon, Nomad

- **other skills:** LVM, multipath, industrial automation, good knowledge of international IP law and LaTeX ;)

Languages

Polish	native
English	full professional proficiency
German	elementary proficiency

Personal interests

- Music
- Electronics
- Additive manufacturing