

Karol Kozłowski, Linux engineer/programmer

PERSONAL DATA

DATE OF BIRTH 10th August 1984, Wrocław, Poland
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SUMMARY

I am an experienced Linux system engineer and software developer proficient in creating and maintaining complex solutions. My skills include experience with DBMS, CI/CD, configuration management and SCM. I have been working in medium and large teams as well as a standalone developer and build manager.

WORK HISTORY

- 06/2023 - current** **RE Partners**, DevOps Engineer
Building and maintaining developer support infrastructure for a large customer in banking sector.
- 09/2022 - 02/2023** **Protocol Labs**, DevOps Engineer - IPFS gateway
Building, growing, maintaining and providing guidance on running ipfs and ipfs-cluster at scale with an emphasis on providing a reliable, scalable and fast gateway service at ipfs.io.
- 03/2019 - 09/2022** **UBS BSC Poland - Investment Banking**, IT Software Engineer (AD)
Cloud engineering team: enabling container-based deployments using VMware Tanzu and AKS. Automating infrastructure deployments with Terraform (IaC). Supporting public cloud migration (Azure).
- 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 BSC Poland - Infrastructure & Security Eng.**, Linux Systems Engineer (AO)
*Developing internal operating system release based on the RHEL. Responsible for rating, testing and delivering security advisories to internal customers. Building and testing **Solarflare** driver and software stack for bank-wide usage. 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). Designing and developing **AWS** integration tools as well as planning on-prem to cloud migration.*
- 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 Electronics 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
- **continuous integration:** GitLab CI, Jenkins, TeamCity, 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 L^AT_EX;)

LANGUAGES

- Polish** native
- English** full professional proficiency
- German** elementary proficiency

PERSONAL INTERESTS

- Music
- Electronics
- Additive manufacturing

