Krzysztof Zwolenik

DevOps engineer

Bilbao, Spain
+34 694 254 557
kzwolenik95@gmail.com
LinkedIn
github

DevOps Engineer with 7+ years of experience in the field, specializing in Kubernetes, Terraform, and cloud infrastructure automation. Proven track record of enhancing operational efficiency across teams to deliver scalable and reliable solutions.

Certificates

Certified Kubernetes Administrator (CKA)	2022.06.03
AWS Certified SysOps Administrator – Associate	2023.10.30
HashiCorp Certified: Terraform Associate (003)	2024.07.15

Projects

Kubernetes on Digital Ocean

This project was developed to showcase the automated deployment of a Kubernetes cluster on DigitalOcean, employing Terraform for infrastructure provisioning and GitOps practices for configuration management.

- Automated Kubernetes cluster on DigitalOcean using Terraform and Flux CD, integrating Vault, Kong ingress with TLS and Prometheus stack for monitoring
- It demonstrates my expertise in deploying a secure, observable Kubernetes cluster using modern DevOps methodologies
- it integrates various cloud-native technologies and follows best practices to create a high-quality infrastructure solution

Roadmap.sh DevOps Challenges

Roadmap.sh DevOps challenges provide practical projects from basic server setups to advanced deployments, which **I often extended** by experimenting with my own approaches or tools to further hone my skills

- 🔭 My Roadmap.sh Repository
- Highlighted Challenges:
  - Automated-Backups: Proud of my clever pipeline design using the `dorny/paths-filter` action to skip jobs, reducing execution time
  - Dockerized-Service-Deployment: Utilized a distroless image and implemented caching in the GitHub Actions pipeline to reduce execution time
  - Several other intermediate challenges that I extended further honing my DevOps skills

Skills

Kubernetes	Terraform	Python, Bash
Linux	AWS	Monitoring
CI/CD	Networking	Ansible
Docker		

Work Experience

Cloud Admin L2, Aditi – Bogota, Colombia, later Remote from Spain   2023.03 – Present

- Manage Kubernetes clusters on Amazon EKS as part of a Cluster-as-a-Service team, providing infrastructure for application teams.
- Operate and troubleshoot Terraform pipelines in GitLab for cluster provisioning and upgrades.
- Collaborate with the DevOps team to maintain and improve Terraform modules.
- Handle Kubernetes manifests for internal cluster-specific tools.
- Coordinate with AWS support to resolve infrastructure-related issues.
- Monitor cluster health using Datadog, creating alerts and dashboards for visibility.
- Optimize monitoring coverage while reducing Datadog costs.
- Enhance team efficiency by developing CLI scripts to streamline routine tasks.
- Work closely with application teams to address cluster-related needs and ensure reliable Kubernetes environments.

System Administrator, Comarch SAS – Bogota, Colombia   2019.06 — 2023.03

- Ownership of monitoring systems and client communication.
- Managed on-premise Linux systems, Oracle databases, and Java applications.
- Supported the transition to Docker-based microservices and early-stage Kubernetes on OpenShift.
- Automated a complex, error-prone manual process using an internal tool, reducing execution time from one hour to a few minutes.
- Maintained and troubleshot Jenkins pipelines, contributing to permanent solutions.
- Configured Prometheus and created advanced Grafana dashboards for monitoring.
- Improved system observability with Nagios by creating custom bash scripts.
- Collaborated with international clients (Dominican Republic, Colombia, and Argentina).
- Provided ad hoc SQL reports for client-specific requests like data integrity checks.

1st line support enginner, Comarch SA – Cracow, Poland   2017.07 — 2019.06

- Provided technical support for on-premise Linux systems, Oracle databases, and Java applications (Apache, Tomcat, and Oracle WebLogic).
- Automated routine tasks using Bash and Python scripts scheduled with cron, improving efficiency.
- Extended Nagios monitoring by creating custom scripts for system checks not covered by default.
- Maintained high SLAs by resolving tickets promptly and collaborating with 2nd line engineers and developers.
- Documented monitoring procedures and standard operating workflows to facilitate knowledge sharing across the team.

Education

Computer Science, AGH University of Science and Technology –   2014.08 — 2018.03
Cracow, Poland

Languages

Polish: native   English: fluent   Spanish: fluent