

DOMINIKMAZGAJ

Junior Platform / Cloud / DevOps Engineer

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Portfolio: <https://dominik-mazgaj.cloud/>

GitHub: <https://github.com/dominik-mzg/>

PROFESSIONAL SUMMARY

Computer Science student and Junior DevOps Engineer with **hands-on experience supporting AWS and Kubernetes infrastructure** in a 12-person Platform Team across 3 environments. Experienced in application delivery, infrastructure automation, observability, and platform operations using **AWS, Kubernetes, Helm, Terraform, Argo CD, GitHub Actions**, and **Bash**. Automated deployment and configuration workflows, reducing deployment preparation time from 120 to 20 minutes.

TECHNICAL SKILLS

- **Programming & Scripting:** Bash, Shell Scripting, Python, SQL
- **Cloud Computing:** AWS (hands-on: EC2, EKS, S3, IAM, VPC, CloudWatch, Route 53, CloudFront); Azure & GCP (foundational)
- **Containerization & Orchestration:** Kubernetes (hands-on: deployments, services, networking), Helm, Docker
- **Infrastructure as Code:** Terraform (hands-on: modules, AWS provisioning), Ansible, YAML
- **DevOps & CI/CD:** Git, GitHub, GitHub Actions, Jenkins, Maven, Argo CD, CI/CD pipelines
- **Monitoring & Observability:** Prometheus, Grafana, Datadog
- **Systems & Networking:** Linux (RHEL, CentOS, Ubuntu), TCP/IP, DNS, DHCP, Nginx, Apache, HTTP, HTTPS, Windows Server
- **Messaging & Event Streaming:** Apache Kafka

RELEVANT TECHNICAL EXPERIENCE

Junior DevOps / Platform Engineer, BSH Home Appliances, Warsaw, Poland — May 2026 – Present

Platform infrastructure supporting application deployment, configuration, monitoring, and event-driven communication within the Home Connect ecosystem.

- Implement 3 **Argo CD** application definitions and 2 **Terraform** modules across 3 environments, reducing deployment preparation time from 120 to 20 minutes through automated environment configuration
- Own 4 **Helm charts** and **Kubernetes** deployment resources across 3 environments, supporting ~2 application releases per week through repeatable **GitOps**-based deployment workflows.
- Monitor and maintain 3 **Prometheus**, **Grafana**, and **Datadog** dashboards across 3 environments, supporting platform troubleshooting and incident investigation.
- **Manage** and **maintain** ~50 **Apache Kafka** topics supporting event-driven communication across application components and platform services.
- Author operational documentation and **Bash**-based tooling used by 30 team members, standardizing deployment, configuration, monitoring, and troubleshooting workflows.

SELECTED TECHNICAL PROJECTS

Home Connect Platform Infrastructure

Type: Professional Team Project — Platform/DevOps Engineer | 12-person Platform Team

Tech: AWS, EKS, IAM, Kubernetes, Helm, Terraform, Argo CD, GitHub Actions, Prometheus, Grafana, Datadog, Apache Kafka

Internal platform infrastructure supporting GitOps-based application delivery, configuration management, observability, and event-driven communication across 3 environments.

- Implemented **Terraform-based infrastructure**, **AWS IAM** controls, and secrets management across 3 environments, supporting **version-controlled platform** configuration and access control.
- Integrated **Prometheus**, **Grafana**, and **Datadog** for centralized application and infrastructure observability across platform environments.
- Configured **Kafka**-based event communication to decouple interactions between application components and platform services.

Docker Engine Infrastructure Provisioning on AWS

Type: Individual Project

Tech: AWS, EC2, Terraform, Ansible, Docker, Linux

Repository: <https://github.com/dominik-mzg/docker>

Built to eliminate manual and inconsistent Docker host setup, this project automated provisioning and configuration of multiple Linux nodes on AWS.

- Provisioned **3+ AWS EC2 instances** simultaneously using **Terraform** for automated and repeatable environment setup.
- Automated Docker Engine installation across 3+ Linux nodes using Ansible, reducing manual setup time by 90% and standardizing host configuration.

Kubernetes Web Service Deployment

Type: Individual Project

Tech: Kubernetes, Docker, AWS, Networking

Repository: <https://github.com/dominik-mzg/kubernetes>

Built to validate repeatable deployment of containerized web applications with layered network isolation on AWS.

- Deployed containerized web applications on a custom Kubernetes cluster, configuring workloads, services, and networking to validate isolated microservice communication and external access paths.
- Configured Kubernetes NetworkPolicies and AWS Security Groups as layered network controls, validating restricted workload communication and external access through defined network paths.

EDUCATION

Management & Banking School, Cracow

Bachelor of Science in Computer Science — Expected February 2028

GPA: **4.44/5.00**

Relevant Coursework: Operating Systems, Computer Networks, Algorithms, Programming

Academic Activities: **Red Hat Academy — Linux Track (Linux Administration)**

Józef Tischner School, Dobczyce

IT Technician Diploma in Information Technology — April 2024

Graduated with Distinction

CERTIFICATIONS & TRAINING

Qualifications

- **INF.02: Administration of Network Operating Systems** — Central Examination Board | April 2024

Training & Skill Badges

- AWS Cloud Practitioner Preparation Training — Udemy | February 2026 | <https://www.udemy.com/certificate/UC-65bd36c5-bd03-494e-97fe-ea46e1905087/>
- **Red Hat Academy: Linux Administration** — Red Hat | January 2026 | <https://www.redhat.com/red-hat-academy/>
- **MongoDB Schema Design Patterns and Antipatterns** — MongoDB | May 2026 | https://www.credly.com/badges/63186b2f-4120-45ad-bb1f-d0defaaf3a50/public_url
- **From Relational Model (SQL) to MongoDB's Document Model** — MongoDB | May 2026 | https://www.credly.com/badges/f4212c4c-03d5-4eb8-ae3e-e6e3f9657595/public_url

LANGUAGES

- English: C1
- Polish: Native
- German: A1

I agree to the processing of personal data provided in this document for realizing the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 (GDPR).