

Alan Matuszczak

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Statement

Handles containers like cattle, not pets. Strives for keeping things neat and automated. Fan of simple solutions. Currently interested in high-tier IC (\geq Senior) positions, where one can have an opportunity to make a positive impact on the engineering department.

Experience

Staff DevOps Engineer at Housecall Pro

Remote, Poland
June 2022 - present

__work in progress :)__

Senior DevOps Engineer at Housecall Pro

Remote, Poland
October 2021 - May 2022

- Helped prototype, replace and invalidate old methods of authenticating employees into our AWS accounts with AWS SSO + Okta via SCIM
- Streamlined and centralized our cross-account AWS network traffic using AWS Transit Gateway
- Secured access to internal resources by implementing a split-traffic VPN-like solution
- Planned and migrated one of the major projects from MySQL to PostgreSQL (using AWS DMS)
- Involved in making our cloud infrastructure more compliant and auditable
- Introduced automatic rotation of database credentials (AWS Secrets Manager + custom Lambda functions)

Senior DevOps Engineer at Nethone

Remote, Poland
March 2021 - August 2021

- Automated maintenance toil of patching Kubernetes workers (blue-green workload switchover)
- Evaluating alternative CNI plugins (Calico, Cilium) in terms of performance benchmarks and feature capability requirements
- Fine-tuned the logging infrastructure (fluentd: simplified filter routing, better log-stream processing throughput)
- Provisioned, implemented observability and prepared a thorough documentation of a self-hosted application monitoring solution, used by all technical teams (Sentry)
- Maintained and reduced the amount of tech debt in the legacy parts of the infrastructure, managed through Ansible

Senior DevOps Engineer at Netguru

Poznań, Poland
March 2020 - February 2021

- Developed solutions addressing common problems encountered in greenfield projects (cloud account initialization, RBAC, bootstrapping the infrastructure using IaC)
- Provided mentoring and consultations (fellow DevOps and developers)
- Improved the internal PaaS-like Terraform wrapper, written in Go (new features, observability)
- Delivered a set of Terraform modules for common architecture patterns, following a production-ready defaults standard
- Solved a wide range of customer challenges in project assignments (container orchestrator change, moving metrics between monitoring solutions, ICMP-based monitoring of few thousand endpoints)

Site Reliability Engineer at OLX Group

Poznań, Poland
February 2019 - February 2020

- Provisioned and migrated RabbitMQ production/staging clusters, added monitoring, alerting and resource configuration backups - using IaC only

- Replaced monolith's AWS CodePipeline deployment steps with an in-house Python script, thus unifying the whole pipeline in Gitlab CI
- Contributed to AWS EKS adoption within the company: have spread knowledge to developers, improved clusters configuration and reliability, debugged issues
- Gave input to the team's backend architecture and have set up auxiliary services, infrastructure and CI/CD for it from scratch
- Provided documentation and tooling for developers to perform infrastructure actions themselves.
- Prepared the new Application Management System-like product for release in terms of monitoring and reliability

DevOps Engineer at Flyps

Poznań, Poland
September 2018 - January 2019

- Migrated an on-premise, Rancher-based production infrastructure to Google Kubernetes Engine
- Wrote Helm charts managing the whole microservice stack
- Introduced Prometheus as the central monitoring solution

DevOps Engineer at Egnyte

Poznań, Poland
March 2018 - August 2018

- Prepared the infrastructure and CI/CD process for a new video transcoding service, deployed on GKE
- Brought immutable VMs into legacy CI pipelines

Junior Build Release at Egnyte

Poznań, Poland
June 2016 - February 2018

- Integrated Docker nodes and Kubernetes clusters with CI systems
- Configured services used in Release Engineering (Jenkins, Sonar, Nexus 2 / 3)
- Automated the setup of Debian and Alpine-based on-premise VMs using Packer, Bash and Python
- Engaged in improving and creating of Ansible and Puppet configuration modules
- Maintained multiple CI VMs, provisioned both on-premise (ESXi) and cloud (GCP using Terraform)

Build Release Intern at Egnyte

Poznań, Poland
February 2016 - June 2016

- Wrote and used automation tool playbooks (Puppet, Ansible) to configure Jenkins agents
- Wrote and improved Continuous Integration/Delivery pipelines
- Increased the stability and performance of production Jenkins server by setting up backups, tweaking the JVM and automating the process of setting up new instances for testing purposes