

Karol Czeryna

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e-dot.uk // k@e-dot.uk

EDUCATION

THE STATE SCHOOL OF HIGHER EDUCATION IN CHELM

B.S. IN MATH AND COMPUTER SCIENCE 2010 - 2013 | Chelm, Poland

SKILLS

PROGRAMMING

Shell Scripting (Bash)

Automation, configuration, cronjobs, reports, user facing scripts

Python

lambdas, consuming API's, command line tools, automation, fastapi, flask

Golang

mostly code reviews, bugfixes

CLOUD

AWS - CloudFormation, Lambda, RDS, S3, DNS, VPC, Serverless, EKS, ECS, Networking

GCP - GKE, VMs, CloudBuild,

MemoryStore, CloudSQL, StackDriver

Azure - VMs, RGs, OMS (Logging & Monitoring), SQL, Storage, DevOps

TECH

Linux/Unix, Docker, Kubernetes, LXC, KVM, Ansible, DNS, LDAP, HTTP, SMTP, HA/Fail-Over, Monitoring, Git, Networking.

CERTIFICATES

SAA-C02 - AWS Certified Solutions Architect - Associate

HashiCorp Certified: Terraform Associate

HashiCorp Certified: Vault Associate

CKA - Certified Kubernetes Administrator

AZ-900 - Azure Fundamentals

Novell Certified Linux Administrator 11

Red Hat Certified System Administrator 7 (expired)

Red Hat Certified Engineer 7 (expired)

LINKS

GitHub

LinkedIn

EXPERIENCE (LAST 5 YEARS)

EPSYHEALTH | DEVOPS ENGINEER (CONTRACT) Jan 2021 - Nov 2022, London, UK

As the sole DevOps Engineer, I have created an entirely new infrastructure from the ground up. This encompasses a novel networking stack, IAM roles, ECS and Data Platform, and GitHub Actions as a CI/CD. Our comprehensive technology stack boasts a wide array of cutting-edge tools: **Amplify, DynamoDB, Peering, Multi-region, RDS, API Gateway, Cognito, Serverless, ECS, WAF, Route53, Network Firewall, IAM with SSO, Terraform Cloud, GitHub Actions, and Sentry.**

COGNIFLARE | DEVOPS ENGINEER (CONTRACT) Aug 2020 - Dec 2020, London, UK

I've worked with **GlaxoSmithKline** on behalf of **Cogniflare**, in a greenfield project to build Big Data infrastructure using **Azure CLI, PowerShell, JSON, YAML, Azure DevOps, and Azure ARM Templates**. It was an exciting opportunity to design and implement scalable & secure solutions for cutting-edge data processing.

LIFEWORKS | SNR DEVOPS ENGINEER (CONTRACT) Nov 2019 - May 2020, London, UK

LifeWorks is a well-being platform used by more than 15 thousand companies. I've worked on multi-account & multi-region **AWS Infrastructure**. CI/CD using Jenkins. Tech stack: **SNS, SQS, DynamoDB, ECS, Athena, RDS, API Gateway, CloudFront, Lambda**
Tech Stack: **Ansible, Terraform 0.11 & 0.12, Jenkins, Bamboo, CircleCI, Serverless, MongoDB, Docker**

DAYE | DEVOPS ENGINEER (CONTRACT) Jul 2019 - Nov 2019, London, UK

Bootstrapped infrastructure on **GCP** using **Kubernetes (GKE), Terraform, Cloud Run**. CI/CD to **Cloud Run / Kubernetes** using **Cloud Build + GitHub**.

I've developed few backend apps using **Python/Flask** that are used in a production environment.

KAIZEN TICKETING | CLOUD ENGINEER Apr 2019 - Today, London, UK

I'm helping Kaizen Ticketing with their **Google Cloud** infrastructure.

Migrating **C#** monolith application from **AWS EC2** into **GCP GKE**.

Creating **QA & Prod Kubernetes** clusters and environments using GCP best practices.

Creating **GitHub Actions** Machine on GCP used for building our **C#** app (**25 minutes build time was reduced to 7-9 minutes with cost reduction of around 60%**).

Complete CI/CD with tests and QA deployment with manual action to deploy to Prod. **Costs optimisations on GCP**.

Maintenance of GCP and GKE.

LEGAL AID AGENCY - MOJ | DEVOPS Sep 2018 - Jun 2019, London, UK

Providing support and maintenance for new LAA Infrastructure. Daily code reviews and often production deployments. One of my biggest internal projects here was to **migrate old FTP fleet into AWS Lambda and S3 using Python**. Migration of **services/networking** from **Atos** into **AWS**. Tech Stack: **Fully based on AWS: EC2, ECS, CloudFormation, Lambda, RDS, S3**

HMCTS - MOJ | DEVOPS Mar 2017 - Sep 2018, London, UK

During my time at HMCTS I've been working on couple of internal projects:

Migrating **Cloud Atlassian** to **On-premise**

Planning and configuring **new infrastructure** for internal **ROTA** service

Worked on **new Online Plea** infrastructure

Worked on **migration** from **UKCloud** to **Azure**

Tech Stack: **Azure, Ansible, Jenkins 1/2, Terraform, Gerrit, Zabbix, ELK, AppDynamics, Wildfly, Artifactory, Artemis, PostgreSQL**

AUTOMATION LOGIC | ENGINEERING CONSULTANT Mar 2017 - Jun 2019, London, UK

Consultant Engineer working for **GOV.UK** organisations