Serhii Polhorodnyk, Senior Devops Engineer

serhii.polhorodnyk@gmail.com | linkedin.com/in/serhiipolhorodnyk

CAREER SUMMARY

Have over 20 years of experience in IT, seven years as a Senior DevOps and Software Engineer. Deployed and managed infrastructure on AWS and Azure clouds for 10+ clients and projects. Designed and implemented robust DevOps practices and workflows using Cloud Platforms, CI/CD, Configuration Management, Containerization, Infrastructure, Shell scripting, Monitoring, Managing tools and platforms. Core competencies include infrastructure as code, container orchestration, cloud monitoring, and multi-cloud architecture. Proficiency in Terraform, Ansible, Puppet, and Cloudformation for efficient and scalable infrastructure provisioning and configuration. Specialized in Kubernetes, Docker, and Helm for seamless deployment, scaling, and management of containerized applications. Wrote more than 1000 projects in Python, bash, PowerShell, and Groovy for automation and optimization of operations and processes. Led a team of three DevOps engineers and collaborate with 30+ developers, testers, and stakeholders to deliver high-quality solutions that meet the business and technical requirements. Self-driven and constantly seek to improve skills and knowledge in the DevOps domain.

SKILLS AND TECHNICAL STACK

Azure, Azure DevOps, Amazon Web Services, AWS, Cloudformation, ARM, Docker, Docker Compose, Kubernetes, Helm, Terraform, Terragrunt, CircleCI, GitLabCI, Grafana, Prometheus, Ansible, Python, Jenkins, Powershell, Bash, Python, DataDog, New Relic, GitHub Actions, JIRA, Confluence, SQL and No-SQL DB's

Amazon Web Services: S3, EC2, Load Balancer, VPC, CloudWatch, CloudTrail, Inspector, Config, Cloudformation, ECS, EKS, RDS, Lambda, SNS, SQS, Dynamo DB, Secrets, VPC, ALB, IAM

Azure: VM, VMSS, Azure Devops, CosmosDB, SQL Database, Storage Accounts, AKS, ACI, Functions, Entra ID, Monitor, Policy, Cost Management, APIM, Load Balancer, Virtual Network, Bastion, Keyvault

WORK HISTORY

GNetwork, UK, Senior Azure DevOps Engineer, 04/2024 – now
https://www.g.network

- Built enterprise level IaC on Terraform/Terragrunt from scratch on Azure
- Initiated and implemented zero downtime/blue-green deployment practices
- Initiated cost optimization and saved more than 50000 GBP per year for the company
- Initiated and implemented Azure Well-Architected Framework with 98% azure advisor score
- Implemented SOC/OWASP/ISO security practices
- Build up documentation for all cloud-based services from scratch
- Refactored CI/CD pipelines for 100% increase in speed

Pointsbet, USA, Senior DevOps Engineer, 06/2021 – 04/2024
https://www.pointsbet.com

- Spearheaded bug isolation efforts for Azure/Amazon Web Services, Kubernetes, Terraform, PowerShell/Bash/Python scripts, CloudFormation scripts, and ARM templates, fixed more then 100 critical production bugs
- Drafted documentation in accordance with legal requirements using Step-by-step guides, Diagrams or flow charts, more then 100 artricles
- Speeded up existing pipelines for production: achieved x8 faster results
- Managed more then 60 AKS configurations, implementing custom kubeCost solution for AKS windows pods that decreased company costs on 15%

eToro, Israel, Senior DevOps Engineer, 06/2020 - 06/2021

https://etoro.com

- Integrated 3rd party services into Azure Cloud (DataDog, New Relic, Splunk)
- Launched modular CircleCI alternative to GitlabCI
- Bridging between the developers team (12 people) from one side and the enterprise DevOps team (30 people) from another
- Migrated 50 plain Jenkins pipelines to more complex and reliable Groovy pipelines with shared libraries

JPMorgan Chase & Co., USA, Senior DevOps Engineer, 06/2019 - 06/2020
https://www.jpmorganchase.com

- Performed integration of AWS microservices to the DataDog and SumoLogic, providing 50% more visibility of the processes
- Refined IaC for 100+ microservices for cost-effectivness. (Troposhere, Cloudformation)
- Examined, isolated, and solved 50+ critical bugs in software applications, resulted a 25% decrease in app crashes and improved user experience metrics by 40% over a six-month period

LeasePlan, Netherlands, Senior Devops Engineer, 06/2018 - 06/2019
https://www.leaseplan.com

- Modernised existing infrastructure (AWS, Terraform, Ansible, GitLab CI), reducing SDLC time on 30%
- Developed IaC vision (Describing all services in Terraform)
- Led troubleshooting efforts to identify and rectify software bugs, reducing post-release issues on 50% and enhancing overall product quality and customer satisfaction
- Identified 50+ security issues such as DNS amplification attacks, AP spoofing, native VLAN mismatches, and SSID spoofing & recommended the proper mitigation techniques that aided in a 30% increase in security

GlobalLogic, UA, Senior System Engineer, 05/2017 - 06/2018
https://globallogic.com

- Maximised the performance of the system by scheduling upgrades, troubleshooting network interruptions and difficulties and collaborating with Project Manager on optimisation
- Probed and prescribed the implementation of hardware and software modifications to prevent any system losses and to improve network security that reduced costs on 10%
- Employed critical analysis to find problems and develop solutions

Ukranian companies, UA, System Administrator 10/2004 - 05/2017
- Configured IT internal Linux (CentOS, Ubuntu, FreeBSD), Windows infrastructure systems from scratch
- Configuring Networking & Load-balancing (Ceph Storage)
- Software and hardware maintenance
- 1, 2, 3 line of support

EDUCATION
GCSES/A LEVELS - ELECTRICAL NETWORKS AND SYSTEMS
APEPS department of Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine
Combined honours in Computer Science

Certifications and courses:
Kubernetes for the Absolute Beginners: https://www.udemy.com/certificate/UC-0a4577ff-5d61-4036-955d-faec5907a34d/

Certified Kubernetes Administrator (CKA): https://www.udemy.com/certificate/UC-89ea202c-9e8a-475e-801c-a0861e595195/

VOLUNTERING
Engineering consultancy at a crypto-startup neo bank app - 2024
Moderator on Ukraine DevOps Fest. 06/2019 - 02/2022
Program Coordinator on Ukraine DevOps Fest 2020. 08/2019 - 08/2019