

HANNA BARYSAVA

Senior Site Reliability Engineer

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SUMMARY

- Senior Systems engineer with 5 years of experience working with DevOps and SRE tools and principles
- Proven experience working with Cloud technologies (Azure Cloud Certified - AZ-104 Associate, AZ-400 DevOps expert, AZ-305 Architect)
- Proven experience in System Design
- Worked as a member of globally distributed and cross-functional team, supporting a large-scale, distributed infrastructure
- Lead the team as the only DevOps engineer
- Interviewed, onboarded and supervised new team members, as well as taught and mentored L1-L3 team members
- Designed widely reusable components, such as Azure DevOps pipeline templates, helm charts, Terraform modules, scripts, Docker images, which were reused on a set of projects within organization
- Hands-on experience in installation, troubleshooting, performance optimization of CMS platforms (Sitecore 7.2-9.1.1)

EDUCATION

2009-2016

Bachelor degree in Info communication Technologies, Belarusian State Academy of Communications

ACTIVE CERTIFICATIONS

AZ-104 - Microsoft Certified: Azure Administrator Associate

AZ-400 - Microsoft Certified: DevOps Engineer Expert

HashiCorp Certified: Terraform Associate

CKA: Certified Kubernetes Administrator

AZ-305 - Microsoft Certified: Designing Microsoft Azure Infrastructure Solutions

PROFESSIONAL EXPERIENCE

Technical Lead / SRE at [EPAM Systems](#)

March, 2022 – Till now

- Responsible for managing APIM Platform (Based on Azure API Management) and maintenance of Enterprise services (100+ AKS/Azure functions based microservices serving as API backends), including consulting Development teams and stakeholders about its functionality and capabilities
- Designed and implemented IaC and CI/CD for a project from scratch and propagated from Dev to Prod environment
- Contributed to system design discussions about APIM Platform migration approaches, planned disaster recovery and high availability configuration
- Designed and implemented automated backup/restore pipeline for CosmosDB SQL API databases, which was reused on several streams
- Interviewed and on-boarded new team members
- Mentored and supervised less senior members of the team in performing day-to-day activities (APIM Platform management, Development teams and stakeholders' consultations, incident management, SRE support)
- Served as first point of contact while resolving communication and coordination issues, participated in post-mortems and fire drills, as well as followed up with the business users to verify customer satisfaction and improve processes

Tools and Technologies:

Azure Cloud, Azure DevOps, Jenkins, Linux, Kubernetes, Helm, Docker, Python, Bash, Powershell, New Relic, Azure Monitor

Senior Systems Engineer/ DevOps at [EPAM Systems](#)

Sep, 2021 – March 2022

- As part of the team participated in continuous improvement of existing CI/CD process on a project using shift left principle, e.g:
- Implemented git hook for running pre-commit checks and linting on developers' machines
- Contributed in planning and implementation of branching strategy on the project
- Automated release notes generation
- Acted as a mentor/contact point for Engineering Co-op team members
- Designed and implemented IaC for highly available infrastructure in Azure
- Assisted dev teams during ongoing development process
- Run and troubleshoot on premise deployments using Jenkins and Ansible
- Built automated pipelines to run UI tests for on premise application
- Performed/supported releases from dev to prod environments

Tools and Technologies:

Powershell, Python, Bash, Azure Cloud, Azure DevOps, Jenkins, Ansible

Systems Engineer/ DevOps at [EPAM Systems](#)**Mar, 2021 – Jun 2022**

- Developed, configured and supported Azure DevOps CI/CD build (yaml) and release (classic) pipelines for build and deployment, including preparation of IaC and powershell scripts for the pipelines.
- Developed IaC(Terraform) for infrastructure deployment, including microservices, APIm provision and Monitoring infrastructure.
- Refactored IaC code for resilience and high availability.
- Participated in setting up and troubleshooting Sitecore IaaS in Azure.
- Maintained and troubleshot Azure Cloud microservices infrastructure.
- Code: VisualStudio, Git, VS Code
- Build: Azure DevOps
- Infrastructure: Azure Cloud
- Packaging: Nuget, TDS
- Monitoring: Azure Monitoring

Site Reliability Engineer at [EPAM Systems](#)**Feb, 2019 – Jan, 2021**

- Developed, configured and supported Azure DevOps CI/CD pipelines for build and deployment.
- Performed regular and on-call support tasks: analyzed and resolved issues with websites and infrastructure; analyzed logs and proceeded with investigations when necessary.
- Served as escalation point for resolving Priority 1 incidents on infrastructure environment in 24/7 mode.
- Analyzed and improved the efficiency, scalability and stability of installed systems and tools.