Anton Narodezki | DevOps Engineer

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Work Experience

DevOps Engineer | Harel Jan 2023 - Present

Managing Kubernetes Cluster

- Adding Kubernetes CRDs, Knative, Flux CD.
- Managing Kubernetes RBAC across multiple clusters.
- Monitoring clusters with kubernetes metrics server, Prometheus and Grafana.

Implementing GitOps practices

- Using Sops to encrypt k8s configmaps and secrets then pushing to gitops repo.
- Implementing standardized CI/CD pipelines on Tekton with Buildpacks.
- Managing Helm charts on a local harbor repository.

Supporting development teams

- Running centralized configuration server - Spring Cloud.
- Led the migration to Spring Boot 3.0, leveraging OpenRewrite recipes.
- Created Jenkins Pipelines and streamlining existing processes.
- Running ansible-pull to simplify the deployment process on Windows and linux servers.
- Running pipelines on Azure DevOps for DotNet projects.
- Added builder image, and change the application base image to a lightweight alpine.
- Migrate Java projects to GraalVM to improve container startup time.

Managing image and artifact repositories

- Managing nexus and harbor repositories.
- Implementing image security scans.

Managing RabbitMQ and setting up application Logging

- Implementing Logstash and Filebeat for log collection.

DevOps Engineer | Menora Oct 2021 - Jan 2023

Collaborated with Dev team to automate CI CD processes

- Created Jenkins pipelines with groovy and bash scripts.

- Containerized apps built and pushed to internal image repository.

- DotNet applications built on Windows server and pushed as an artifact.

Led the creation of internal wiki

- Implemented with Wiki.js with elastic search.

- Encourages knowledge sharing, and developing healthy procedures and practices.

Planned and implemented Infrastructure As Code with Ansible and Terraform

- Researching and presenting the POC.

- Increasing deployment agility and reducing storage costs.

- Using Terraform vsphere provider for setting up the VM.

- Setting up the OS and installing the application with ansible plays.

Integrated linux access control with Active directory

- Configured SSSD and kerberos authentication to AD.

Supported onprem artifact repository

- Setup internal maven repositories, and securely mirror public libraries.

- Run system updates, and security scans.

Managed Linux servers on VMware and AWS cloud

- Installed and managed RedHat and Ubuntu servers.

- Running EC2 instances and Auto Scaling groups.

Managed Red Hat Satellite system

- Vulnerabilities scans - CVE, and pull patches to local repositories.

- Managed product subscriptions and distribution.

Operations Support Engineer | I.C.E Nov 2019 - Oct 2021

Previously "SuperDerivatives", the company was acquired by Intercontinental Exchange - ICE.

Tier 3 product support

- Troubleshoot complex and urgent issues.

- Integrating new client to our products.

Creating CI/CD pipelines

- Building, Scanning, and deploying .Net application on IIS servers, with Jenkins.

Setup reliable monitoring

- Monitoring using SNMP agent and snmpwalk.

- Creating Grafana dashboards.

Documenting Infrastructure resources and relations

- Submitting the data for security review.

- Working with Dev teams to implementing the necessary changes.

Operations Support Engineer | SuperDerivatives Jan 2017 - Nov 2019

Creating internal web site for operations teams

- ASP.NET MVC website written in C#.

- Using AJAX functions for asynchronous page update.

- Role-based access control, and secure interaction with the databases.
  - Parameterized Queries, Use Stored Procedures, Validate and Sanitize User Input, using separate account to connect to database with limited access, Implement Error Handling.

Writing Automation for generating reports for data operations

- Fetching data from internal APIs and parsing it to find inconsistencies.

- Using python for Data standardization.

- Shell scripts for the alert logic, logging the results and email copy to the relevant teams.

Troubleshoot production issues

- Searching for relevant logs across the system to uncover the error's root cause.

- Fixing the found problem and resubmitting the process.

NOC | Amdocs Jan 2015 - Jan 2017

Linux/Windows system support

- Scripting and tasks automation like: logrotate, clear disk space from junk/temp files, kill hanging processes.

- Documented common issues and created simple procedure or tasks automation for temporary mitigation.

- Created alerts using NSClient, cron jobs or api health check probe.

Incident management and documentations

- Identified major incidents and organized the appropriate technical teams.

- Communicate with the mid and senior management for transparency and damage control.

Collaborated with teammates across the world including: India, US, and Europe sites

- Communication and close collaboration with teammates abroad.

- Clear and efficient knowledge transfer using centralized knowledge base - Confluence.

Skills

Containers: Kubernetes, Docker/podman, Helm, Istio.
CI/CD Tools: Experienced with Jenkins, Tekton, ArgoCD, Azure DevOps, GitHub Actions, and GitLab. **IaC:** Skilled in Terraform, Ansible, and Puppet, infrastructure and configuration management. **Version Control:** Proficient with Git, GitLab and GitHub.
Monitoring: Prometheus, Grafana, and ELK stack.
OS & Cloud: In depth Linux knowledge (Rhel/Ubuntu), and experience in AWS and Azure cloud. **Code:** Proficient in Python, Go, Bash, PS and Java, writing automating tasks and applications.

Training

2024: Tekton and Istio service mesh - profesional workshops and labs.
2023 - 2024: ArgoCD, FluxCD and Golang - online courses.
2022 - 2023: EKS with Terraform, kubernetes metrics with Prometheus and Grafana
2021 - 2022: Azure Devops and ASP.NET Core API projects - online courses.
2020 - 2021: NodeJS and Angular introduction - online courses.
2019 - 2020: .NET C# Development, ASP.NET Ajax Fundamentals - online courses.
2018 - 2019: Kubernetes fundamentals - FS158x and LFS258 - The LINUX Foundation.
2017 - 2018: Jenkins, Helm, Ansible and terraform online courses - online courses.
2016 - 2017: Redhat System Admin, and AWS Solutions Architect Courses on Udemy.
2015 - 2016: Linux LPI1 and LPI2 and Networking fundamentals, HackerU college.
2013 - 2015: Programming fundamentals, The Open University.

Language Skills

Fluent in English and Hebrew
Native Russian speaker