Anastasiia Zubar

Not required a sponsorship

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Career Summary

Professional and self-motivated DevOps Engineer with 4 years of DevOps/Cloud experience and 6 years of Software Quality Assurance and Automation testing experience. Strong knowledge of Containers, IAAC, and Cloud background with different providers. Hands-on experience with installing, maintaining, changing the configuration of servers, implementing and supporting Continuous Integration, Delivery, and Deployment. Ability to learn new tools quickly and never afraid to face new challenges.

Skills

Containerization	Kubernetes, Docker, EKS, ECS, GKE, Rancher, RKE, Istio, Ingress
IaaC	Terraform, CloudFormation, Ansible
CI/CD	Jenkins, Spinnaker, ArgoCD
AWS	VPC, EC2, S3, IAM, ECR, Roles, Policies, DynamoDB, RDS, Aurora, RedShift, CloudFront, ElastiCashe, DNS, Route53, VPN, ELB, AutoScaling, EBS, EFS, Security Groups, Code Commit, Code Pipeline
GCP	VPC, IAM, Compute Engine, K8S Engine, VM Engine, GCR, GCS, GLB, ILB, NEG, Firewall (Palo Alto)
Security	Vault, Consul, OPA
Logging & Monitoring	Grafana, Prometheus, New Relic, Kiali, Stackdriver, ElasticSearch
Languages	Bash, Python, Groovy, Yaml, VBScript, CSS, XML, HTML, SQL, Java
Virtualization	Virtual Box, VMware, Vagrant
Test	**Framework**: Keyword Driven, Data Driven, Hybrid, Cucumber, BDD **Tools**: HP Quality Center, ALM, JIRA, Rally, Litmus, Horizon, Git, Sourcetree, TestNG, Maven, QTP/UFT, Postman, SOAP UI, Eclipse, Selenium, Intellij, TOSCA

Education

2012 - 2015 Odessa National Economics University BS, Economic Cybernetics degree

Certifications

AWS Certified Cloud Architect   CID# 6ZDC6SK2EBQQ1DSM
CKA: Certified Kubernetes Administrator   CID# LF-bd8x8tf4ba
CKAD: Certified Kubernetes Application Developer   CID# LF-n9xucpjlvy
HashiCorp Certified: Terraform Associate
ISTQB   CID#   MN36913564
TRICENTIS Automation Specialist Level 1, Level 2
TRICENTIS Automation Specialist for API

Work Experience:

Client: Discover   **2022 March - present (Remote)**
Title: Cloud Engineer

Responsibilities:

- Working with GCP and AWS cloud.
- Automating backups of infrastructure in AWS using Lambda.
- Working with IAM, Cloud Computing, Admin account for GCP
- Creating and maintaining terraform modules in TFE.
- Configuring automation for TFE, as well as managing TFE as admin.
- Utilizing bash and python for creating automation scripts to achieve a faster, better, and easily maintainable environment.
- Communicating to multiple teams for production changes. Following and creating change tickets procedure.
- Attending and participating in all Agile Ceremonies: Grooming, Planning, Retro, Stand UP, Demo.
- Using JIRA for tracking progress.
- Creating documentation in DTA (Confluence of Discover) using HTML and python.

Responsibilities:

Client: Lowe's   **2020 October - 2022 March (Remote)**
Title: DevOps Engineer

Responsibilities:

- Using GCP for providing different types of K8S clusters for company needs.
- Creating, maintaining, and upgrading GKE and RKE clusters using terraform.
- Managed IAAC through terraform, modifying terraform code to deliver infrastructure on different environments and regions.
- Working with the stateless and stateful clusters.
- Utilizing bash and python for creating automation scripts to achieve a faster, better, and easily maintainable environment.

- Creating, modifying and managing custom OPA policies in K8S.
- Organized and maintained dynamic testing Robot framework.
- Using helm charts to deploy to kubernetes clusters.
- Storing all codes in bitbucket, docker images are placed in GCR and JFROG.
- Created and maintained Jenkinsfiles for automated Jenkins CI/CD pipelines.
- Deployed and help with using ArgoCD and Spinnaker for consumer needs.
- Creating Dockerfiles, building Docker images for microservices to run on Kubernetes platform.
- Maintain and configure ingress and ingress-controller on top kubernetes cluster in all environments
- Working closely with Networking and Security team to archive security, reliability and gain needed access.
- Providing cluster as a service and help on implementation for teams are performing Kafka and Kong.
- Migrated from Enterprise vault to open source vault, managing separate Vault Cluster for all teams are using GCP. Helping with the onboarding process for new teams.
- Using Jira for issues tracking purposes.
- Creating documentation on stories in Confluence.
- Performing releases in all environments (predev, dev, stage, prod) based on schedule.
- Supporting blue/green strategy and in-place upgrade based on consumer requirement.
- Using Velero for safely backup and restore, perform disaster recovery, and migrate Kubernetes cluster resources and persistent volumes
- Regularly having multiple meetings with consumers to understand their needs, requirements, new intakes, issues and perform better work based on their feedback.
- Working with Google Support team when required.
- Attending and participating in all Agile Ceremonies: Grooming, Planning, Retro, Stand UP, Demo.
- Problem-solving of application deployment issues and collaboration with monitoring and logging teams (Grafana, Prometheus, Kiali, Elastic Search, and Stackdriver)
- Working with offshore team (IST hours). Keep handover chat always up to date.

Client: Duke Energy   **2020 January - 2020 October (Charlotte, NC)**
Title: DevOps Engineer

Responsibilities:

- Created and maintained automated CI/CD pipelines for code deployment and application delivery using Jenkins.
- Created Dockerfiles, build Docker images for micro services to run on Kubernetes platform.
- In depth Kubernetes troubleshooting skills, supported applications and resolving issues.
- Build and maintain Kubernetes on AWS using hops and terraform.
- Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test and deploy.
- Communication and collaboration with test, dev, run teams to solve the issues.
- Build, design and updating training documentation using confluence.
- Automating backups of infrastructure in AWS using Lambda.

- Design, configure and manage private cloud infrastructures utilizing Amazon Web Services (AWS)including EC2, S3, ELB, Autoscale, Route53, Cloudwatch, Cloudformation, RDS.
- Expertise in troubleshooting live production issues and focused on quick restoration of services with incidents.
- Building and Managing AWS infrastructure As A Code with terraform.
- Work on improvements including the development, automation, and integration.
- Working knowledge and experience of AWS products and services AMAZON EC2, AWS Lambda, Amazon S3, Glacier, Storage Gateway, Elastic Load Balancing, VPC, IAM, RDS, CloudFront, WAF, CloudWatch, CloudTrail, and Auto Scaling Services AMAZON MySQL/Aurora and CLI tools
- Experience in Linux/Unix System Administration, System Builds, Server Builds, Installations, Upgrades, Patches, Migration, and Troubleshooting on RHEL 6.x/7.x.
- Migrate existing Applications to new Data center with all new infrastructure. Including planning, designing and execution of migration.
- Utilized terraform for building environments from scratch and documented the environment setup.
- Debugging applications which is running on kubernetes cluster.
- Designed and implemented highly available, scalable and secure Cloud Architecture based on Amazon Web Service

Client: Bank of America   **2019 March - 2020 January (Charlotte, NC)**
Title: Cloud Engineer

Responsibilities:

- Wrote Ansible playbooks to manage Web applications and also used Ansible Tower.
- Upgraded Kubernetes DEV/QA/PERF/PROD environment to newer version using Kops and terraform.
- Integrated Kubernetes with network, storage, and security to provide comprehensive infrastructure.
- Designed and implemented multi stage environment on top of AWS using IAAC (terraform.)
- Defined technical requirements and best practices with containerized and cloud-native applications.
- Build and maintained Kubernetes clusters on AWS using hops and terraform.
- Maintained an automated CI/CD pipelines for code deployment to reduce human error uses Jenkins to eliminate 70% of manual work.
- Provisioned and facilitated the production utilizing tools like Terraform.
- Implemented AWS solutions using S3, EC2, RedShift, RDS, DynamoDB, IAM, VPC, ELB, Auto Scaling.
- Automated the provisioning of environments with Automation and configuration Management tool like Ansible.
- Run real-time playbooks streaming and monitored the status of runs without further reloads using Ansible Tower.

- Experience in using protocols like HTTP/HTTPS, FTP, SSH, SOAP, TCP, SSL, DNS and assisted developers in troubleshooting.
- Supported an enterprise-level CI platform with developing best practices, processes, and tools, including JIRA, Jenkins and source code management tools like Git..
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- Developed proficiency with source control, continues integration and configuration management (git, Jenkins, Ansible).
- Used automated deployment and continuous integration tools, including Ansible, Jenkins and Git for building and configuring supporting infrastructures.
- Provisioned AWS services using using AWS CLI/API, defining EC2, S3, VPC, RDS, DynamoDB, ElasticCashe, ECS, Auto-Scaling, Policies/Groups, Security Groups and Route53.

Client: Anthem, BCBS   **2018 March - 2019 February (Norfolk, VA)**
Title: Sr. QA Automation Engineer

Responsibilities:

- Worked in Agile (Scrum) environments
- Created and maintained AMI, roles, permissions, policies through AWS
- Created and maintained script IAAC (terrafom).
- Worked with dev and ops team to triage the issues and troubleshoot it from infrastructure side
- Created and managed Ansible playbooks to automate process of manual tasks in VM's.
- Worked with docker compose and docker swarm to run multiple containers
- Migration form Docker swarm to Kubernetes cluster infrastructure.
- The best practices of AWS using most use kinds of services such like EC2 instances, Route 53, S3 bucket, EBS, ElastiCashe, CloudFront, CloudWatch, CloudTrail.
- Troubleshooting micro services on top of kubernetes and docker.
- Attended all Scrum ceremonies: Daily Stand-up, Sprint Grooming, Sprint Planning, Retrospective, Demo meetings, Follow-up meetings.
- Helped functional team write test cases and upload them in JIRA.
- Extensively used JIRA for test planning, bug tracking, and reporting.
- Maintained BDD Framework which provided stability in the test environment
- Maintained SharePoint folder with documentation.
- Performed Smoke, Regression,Component, SIT testing.
- Helped Business team testing user stories in UAT.
- Used Runner classes in Cucumber to generate Step Definition, used tags to run different kinds of TestSuites like Smoke and Regression
- Used SQL Server Management Studio for end-to-end testing.
- Conducted backend testing using SQL queries to validate data for the database.

- Used Postman and SOAP UI for integration perspective.
- Helped Business team on re-testing Production defects in lover environments (SIT, UAT).
- Participated in PI meetings for Global Planning, meeting with other teams, communication to Business teams to solve all questions.
- Involved in testing with REST/SOAP Web Services.
- Developed and automated Functional and API Layer Test using Selenium WebDriver (XPath, CSS,
- HTML and JSON)
- Gave demo of the working product at the end of the release cycle to Business teams
- and stakeholders.
- Analyzed and communicated test results to management.
- Helped test lead with Daily Status updates
- Communicate to all sources Claims team for specific test data creating
- Worked with claims and authorizations.
- Have works with regular claims, ITS claims and adjusted claims

Client: Blue Cross Blue Shield   **2016 March – 2018 March (Washington DC)**
Title: Sr. QA Automation Engineer

Responsibilities:
- Created test scripts based on the User stories as specified by the Business side and Requirement document.
- Worked in Agile (Scrum) environments
- Participated in Daily Scrum, Sprint Grooming, Sprint Planning, Retrospective and Demo meetings.
- Extensively used JIRA for test planning, bug tracking, and reporting..
- Developed and Executed Manual test cases for Functional testing of various modules of the application.
- Designed and developed testing for Behavioral Driven Framework using Maven, Selenium WebDriver, TestNG, Cucumber.
- Maintained the Java and Selenium test source code and resources in GitHub
- Utilized Selenium WebDriver (XPath and CSS locators) to test the UI of the web application.
- Performed data accuracy, data validation, and data integrity testing by querying the database using SQL queries to check the data table on the server.
- Conducted backend testing using SQL queries to validate data for the database.
- Involved in testing with REST/SOAP Web Services.
- Created entire architecture for backend testing internal and third-partyAPI using SOAP UI.
- Gave demo of the working product at the end of the release cycle to development team, Business team and stakeholders.
- Communicate to all sources Claims team for specific test data creating.
- Analyzed and communicated test results to management.
- Made recommendations for product improvements wherever necessary.

Client: Fannie Mae   **2014 June– 2016 March (Reston, VA)**
Title: Test AutomationEngineer

Responsibilities:

- Responsible for Analyzing Business Requirement Specification (BRS), Software Requirement Specification (SRS) and User Requirement Document(URD).
- Developed Test Plan, Test Scenarios, Test Cases, and Test steps for various Business Services/methods covering both Positive and Negative testing requirements.
- Performed bug tracking, reporting defects in JIRA, and communicate with the development team to prioritize the bug fixes.
- Wrote complex SQL queries to verify and validate the exact targets for email and direct mail campaigns.
- Designed and Developed Hybrid Framework in UFT to perform automation testing for UAT.
- Created user-defined functions with VB Script and Descriptive Programming in UFT to increase the reusability and maintainability of the test automation framework.
- Used Regular Expressions in identifying objects with varying names and titles every time a test is run in UFT.
- Performed Data Driven, Keyword driven and Hybrid Framework using UFT and managing data in QC.
- Executed scripts in QA and UAT Environment
- Performed Regression Testing, UAT using UFT.
- Provided training to other employees in testing best automation practices

Client: Altruista Health   **2011 September – 2014 June (Reston, VA)**
Title: Manual/Automation Tester

Responsibilities:

- Developed the test scenarios from the product stories, created test cases for them, and uploaded them to Quality Center .
- Managed Test activities by executing the test cases using Quality Center.
- Reported bugs using Quality Center and worked closely with the development team for the closure of these bugs before the release.
- Involved in Backend testing by using SQL quires.
- Performed functional regression testing using QTP.
- Gave demos of the working product at the end of the release cycle to the development team, Business team and stakeholders.
- Involved in implementation and documentation of standard procedures for setting up and configuration of the test.
- Attended weekly meetings on project status.
- Responsible for designing, developing mockups for User Interface, and prototype testing.