Aliaksei

Team Lead DevOps

TECHNICAL EXPERTISE

Programming Languages	C++, Go, Rust, Python, Java, Groovy, PHP, JavaScript/TypeScript (Svelte/Vue frameworks responsible), HTML/CSS, SQL
Operating Systems	MacOS, Linux, Windows
Databases	MSSQL, MySQL, PostgresDB, Interbase, GunDB, MongoDB, Pervasive, Aurora/Athena, Redshift, Bigtable/BigQuery, KeyDb, Redis
Tools/Technologies	Servlets, JSP, Spring Core, STL, Terraform, Ansible, Docker, Docker Swarm, Kubernetes, Apache (Mesos, Flink, Spark, Kafka), RabbitMQ, MinIO, Twilio, AWS (IAM, Lambda, EC2, S3, Glue, CodeCommit, Codebuild, CloudWatch, EKS, ECR, Cloudformation, SQS, SNS, Cognito, Route53 etc), Azure(IAM, AKS, Devops, Repos, Virtual Network, Virtual Wan, Container Instances, VM, Storage, ACI, ACR etc), GCP (Cloud Run, API management, Code Build, Code Run, Container Registry, Cloud CDN etc)
Other	VCS: Git, Gitlab, Bitbucket, SVN CI/CD: Jenkins, Gitlab, BitBucket, GitHub Actions Clouds: AWS, GCP, Digital Ocean, Azure, Heroku Building Tools: Ant, Maven, Gradle, CMake, Node, Cargo

EDUCATION

Gomel State University named after Francis Skorina, Faculty of Physics, systems engineer, 2003

PROFESSIONAL EXPERIENCE

Light Point (Poland) – Wroclaw, Poland

Project: SBP (August 2024 – current)
Position: DevOps/BI DE

SBP project
DevOps Practices:

- Use serverless CI/CD to automate the process of building and creating artifacts utilizing Azure DevOps capabilities (write pipelines, set up security variables, upload Docker images to Azure ACR, redeploy system with new artifacts, notifications to Slack/email);
- Create development/production infrastructure (work with Azure Portal VM/ACR/Function, create Docker Compose orchestration for environments, provide necessary credentials and permissions).
- Working with Function and Storage to upload all data from Storage to Airflow instance.

- Create monitoring/alerting systems for development/production environments (Grafana, Loki, Prometheus; set up dashboards, create alerting), Azure VM.
- Create infrastructure and environments for Airflow and provisioning DAGs for ETL processing
- Write necessary BASH/Python scripts and YAML configurations.
- Manage backup processes for Azure MSSQL, Postgres/KeyDB.
- Create and provisioning VPNs for dev/production.
- Support CI/CD

Tools, Environment, Languages, and Technologies: Linux, Python, Bash, Docker, Docker-compose, Airflow, Azure(VM, IAM, Storage, ACR, MSSQL, Function), AzureDevops (CI/CD included), YAML, Postgres, KeyDB

Titans Global LTD (Israel) – Wroclaw, Poland

Project: Tisar (August 2023 – August 2024)
Position: DevOps/Developer

The Tisar project related analytics system of measurements from IoT devices
DevOps Practices:

- Use serverless CI/CD to automate the process of building and creating artifacts utilizing BitBucket's capabilities (write pipelines, set up security variables, upload Docker images to AWS ECR, redeploy system with new artifacts, notifications to Slack/email);
- Create development/production infrastructure (work with AWS IAM/EC2/ECR/Route 53, create Docker Compose orchestration for environments, provide necessary credentials and permissions).
- Working with Lambda code to upload all data to RDS Postgres.

- Create monitoring/alerting systems for development/production environments (Grafana, AWS CloudWatch Logs, Prometheus; set up dashboards, create alerting).
- Move solution written by Python from Window to Linux system and Docker-compose orchestration
- Write necessary BASH/Python scripts and YAML configurations.
- Manage backup processes for RDS MSSQL/Postgres.
- Support CI/CD

Developer Practices:

- Optimize performance of SQL requests and speed of current system written by on Python(rewrite some microservices to Go) (Go, Gin, Websockets, implement ZIP for big pack of the data from database).
- Optimize keys for currently architecture of database.
- Write wrapper which works get MDBs files from DropBox and move all necessary data to local Postgres for speed improvement.
- Implement microservice which fetch data for more strong requests to KeyDB and fix some RESTs on Python to use KeyDB data.
- Implement UI possibility to get and unpack zipped data from backend on UI (Vue, TypeScripot).
- Write tests for existing Go microservices (Go, testing).
- Create and maintain a logging system for Go microservices (Go, goroutines, channels).

Tools, Environment, Languages, and Technologies: Linux, Go, Bash, Docker, Docker-compose, AWS (EC2, IAM, S3, ECR, RDS, CloudWatch Logs), Bitbucket (CI/CD included), YAML, RDS MSSQL, RDS Postgres, KeyDB

Titans Global LTD (Israel) – Wroclaw, Poland

Project: Cyberview (February 2023 – August 2023)
Position: DevOps/Developer

The Cyberview project related to vulnerabilities for customers system
DevOps Practices:

- Use serverless CI/CD to automate the process of building and creating artifacts utilizing BitBucket's capabilities (write pipelines, set up security variables, upload Docker images to AWS ECR, redeploy system with new artifacts, notifications to Slack/email);

- Create development/production infrastructure (work with AWS IAM/EC2/ECR/Route 53, create Docker Compose orchestration for environments, provide necessary credentials and permissions);
- Create monitoring/alerting systems for development/production environments (Grafana, AWS CloudWatch Logs, Prometheus; set up dashboards, create alerting).
- Write necessary BASH/Python scripts and YAML configurations.
- Work with IaC tools to recreate new test environments (Terraform).
- Create and support a queue solution based on a NATS cluster.
- Manage backup processes for MongoDB.
- Support CI/CD

Developer Practices:

- Create Go microservices for web scraping to check, get, and parse necessary information from Internet sources (Go, NATS, MongoDB, YAML templates, goroutines, channels).
- Write tests for existing Go microservices (Go, testing).
- Create and maintain a logging system for Go microservices (Go, goroutines, channels).

Tools, Environment, Languages, and Technologies: Linux, Go, Bash, Docker, Docker-compose, AWS (EC2, IAM, S3, ECR, RDS, CloudWatch Logs), Bitbucket (CI/CD included), YAML

Titans Global LTD (Israel) – Wroclaw, Poland

Project: Youff (November 2022 – February 2023)

Position: Architect/DevOps/Developer

The «Youff» project is the decentralized Messenger:

Architect practices:

- Creating architecture of MVP for messenger (choose technologies of user encrypting/decrypting, type of keys generators, protocol connections, databases, technologies receive/send audio/text/video messages);
- Choose SVN, Cloud solution for development environment and possibility to create HA for services easer

DevOps practices:

- Use serverless CI/CD to automate the process of building and creating artifacts utilizing GitHub's capabilities (write **pipelines**, set up security variables, upload Docker images to AWS ECR, redeploy system with new artifacts, notifications to Slack/email).
- Create development/production infrastructure (work with AWS IAM/EC2/ECR/Route 53, create Docker Compose orchestration for environments, provide necessary credentials and permissions).
- Create monitoring/alerting systems for development/production environments (Grafana, AWS CloudWatch Logs, Prometheus; set up dashboards, create alerting).
- Write necessary BASH/Python scripts and YAML configurations.
- Work with IaC tools to recreate new test environments (Terraform).

Developer practices:

- Create microservice to get access to GunDB and provide access to any services to public keys storage (TypeScript, Docker, GunDB)
- Create microservices for backend operations (auth,backend,keys-generators) and related it by GRPC (fasthttp, http3(QUIC), MongoDB, goroutines, channels, logs, RSA/BIP39, GRPC-streaming)

Tools, Environment, Languages and Technologies: Linux, Go, TypeScript, Bash, Docker, Docker-compose, AWS (EC2, S3, ECR, CloudWatch), GitHub (CI/CD included), YAML

Titans Global LTD (Israel) – Wroclaw, Poland

Project: JoysPay (September 2022 – November 2022)

Position: DevOps/Developer

The JoysPay project is a project which responsible for working with the crypto and fiat currency conversation process.

DevOps practices:

- Use serverless CI/CD to automate the process of building and creating artifacts utilizing Azure DevOps's capabilities (write **pipelines**, set up security variables, upload Docker images to Azure Container Registry, redeploy system with new artifacts).

- Create development/production infrastructure (work with Azure IAM/VM/ACR/DNS Service, create Docker Compose orchestration for environments, provide necessary credentials and permissions).
- Create monitoring/alerting systems for development/production environments (Grafana, Prometheus; set up dashboards, create alerting).
- Write necessary BASH/Python scripts and YAML configurations.

Tools, Environment, Languages and Technologies: Linux, C#, Bash, Docker, Docker-compose, Azure (VM, Storage, ACR, IAM, DNS Service, Repos), Azure DevOps, YAML

Titans Global LTD (Israel) – Minsk, Belarus

Project: AIDG (August 2021 – July 2022)
Position: Architect/DevOps/Developer
The AIDG project is responsible for using the possibility to send/get information about passing analyzing tests for different types of medical amylases.

Architect practices:
- Creating architecture of system which matched to GDPR (choose technologies of user encrypting/decrypting, databases, technologies receive/send notification and queues);
- Choose SVN, Cloud solution for development environment and possibility to create HA for services easer

DevOps practices:
- Create AWS CodeCommit and pipelines for build and make CI/CD process artifacts (write **pipelines**, set up security variables AWS KMS, upload Docker images to AWS ECR, redeploy system with new artifacts, notifications to Slack/email, redeploy to AWS EKS).
- Create and use AWS SNS,AWS SQS, AWS Rekognition, AWS Cognito(working with Lambda code for Cognito and create and provide permissions), S3, ALB
- Create and support AWS RDS RedShift
- Create development/production infrastructure (work with AWS IAM/EC2/ECR/Route 53, create Docker Compose orchestration/AWS EKS orchestration for environments, provide necessary credentials and permissions).
- Create HELMs to deploy microservices to AWS EKS cluster (Kubernetes, HELM, AWS CodeBuild, AWS ECR, AWS CodeCommit)
- Create monitoring/alerting systems for development/production environments (Grafana, AWS CloudWatch Logs, Prometheus; set up dashboards, create alerting).
- Write necessary BASH/Python scripts and YAML configurations.
- Work with IaC tools to create possibility to recreate fullsystem components in any AWS account (Terraform).

Developer practices:
- Create Go microservices for SQS compute and encrypt/decrypt messages between microservices (ML/mobile/Js) (Go, SQS, S3, YAML templates, goroutines, channels).
- Write tests for existing Go microservices (Go, testing).
- Create and maintain a logging system for Go microservices (Go, goroutines, channels).

Tools, Environment, Languages and Technologies: Linux, Go, Bash, Docker, Docker-compose, AWS (EC2, S3, ECR, CloudWatch, SQS,SNS, Cognito, Rekognition, Lambda, CodeCommit, CodeBuild, IAM), YAML

Titans Global LTD (Israel) – Minsk, Belarus

Project: Arena (March 2021 - current)
Position: DevOps/Developer
The Arena project is a medical project responsible for the integration of logs from medical robots to the monitoring system.

DevOps practices:
- Use serverless CI/CD to automate the process of building and creating artifacts utilizing BitBucket's capabilities (write pipelines, set up security variables, upload Docker images to AWS ECR, redeploy system with new artifacts, notifications to Slack/email);

- Create development/production infrastructure (work with AWS IAM/EC2/ECR, create Docker Compose orchestration for environments, provide necessary credentials and permissions);
- Create monitoring/alerting systems for development/production environments (Grafana, AWS CloudWatch Logs, Prometheus; set up dashboards, create alerting).
- Write necessary BASH/Python scripts and YAML configurations.

Developer practices:

- Create Go client which read/send logs from medical devices on Windows instance to server by GRPC protocol and make client how service (Go, GRPC, YAML templates, goroutines, channels).
- Create Go microservices which are server part on Linux which get/parse logs from medical devices (Go, GORM, GRPC, YAML templates, goroutines, channels).
- Write tests for existing Go microservices (Go, testing).

Tools, Environment, Languages, and Technologies: Linux/Windows, Go, Bash, Python, Docker, Docker-compose, AWS (IAM, EC2, S3, ECR, CloudWatch Logs), Bitbucket (CI/CD included), YAML

Titans Global LTD (Israel) – Minsk, Belarus

Project: TES (October 2020 - current)

Position: DevOps/Developer

The TES project is a medical project responsible for non-physician analysis of COVID19 tests (responsible ML capability) based on information from test end users.

DevOps Practices:

- Use serverless CI/CD to automate the process of building and creating artifacts utilizing BitBucket's capabilities (write pipelines, set up security variables, upload Docker images to AWS ECR, redeploy system with new artifacts, notifications to Slack/email);
- Create development/production infrastructure (work with AWS IAM/EC2/ECR, create Docker Compose orchestration for environments, provide necessary credentials and permissions);
- Create monitoring/alerting systems for development/production environments (Grafana, AWS CloudWatch Logs, Prometheus; set up dashboards, create alerting).
- Create pipeline for installer which allows install product from scratch on Linux' systems (Bash, S3, Bitbucket, Docker)
- Write necessary BASH/Python scripts and YAML configurations.
- Work with IaC tools to recreate new test environments (Terraform).
- Create and support a queue solution based on a NATS cluster.
- Manage backup processes for MongoDB.
- Support CI/CD

Developer practices:

- Create Go service which allows create binary file from Python project on Linux (Go, Python libraries for C - built) for currently product to hide ML code
- Write tests for existing Go microservices (Go, testing).

Tools, Environment, Languages, and Technologies: Linux, Go, Bash, Docker, Docker-compose, AWS (EC2, S3, Route 53, IAM, ECR), Bitbucket (CI/CD included), YAML

Coherent Solutions – Minsk, Belarus

Project: Chamberlain (June 2020 – October 2020)

Position: DevOps Engineer

Chamberlain Group (CGI), the corporate parent company to LiftMaster, Chamberlain, Merlin, and Grifco, is a global leader in access solutions and products. CGI designs and engineers residential garage door openers, commercial door operators, and gate entry systems. The product is based on cloud technologies in Azure.

DevOps practices:

- Supported CI/CD release/pipelines (Azure DevOps) (wrote pipelines, and scripts for building and deploying artifacts written by PowerShell)
- Supported pipelines for deploying services to Kubernetes to AWS AKS
- Supported infrastructure in Azure (VM, Storage, ACI, ACR)
- Created and supported Prometheus scrapes, and Grafana dashboards (PromQL, YAML)

- Created and supported Kubernetes entities (Deployments, Daemon Sets, etc.)
- Created and supported Helm's chart (deploy services through possibility of it)
- Worked with Docker virtualization (Docker orchestration for development areas – dockercompose technologies)
- Participated in daily status with the customer
- Participated for code reviewing progress
- Clarified requirements for all process

Tools, Environment, Languages and Technologies: Linux/Windows, Kubernetes, Azure Git, CI, Docker, PowerShell, Azure (VM, Storage, ACI, ACR), PowerShell, YAML, Helm

Coherent Solutions – Minsk, Belarus

Project: Peernova (November 2020 – December 2020)
Position: Developer/DevOps Engineer

Peernova makes empowering financial institutions to unlock data, increase efficiency, and discover opportunities.
DevOps practices:

- Created, managed, and supported jobs for orchestrator Hashicorp Nomad to noncontainerized application for the cluster (from scratch, in AWS (CloudFormation using))
- Working with Jenkins for creating and provisioning cluster in scratch, AWS (Groovy, Hashicorp Terraform/AWS CloudFormation)
- Created, integrated, and managed solutions for communication secure service-to-service communication through possibilities HashiCorp Consul Connect technologies.
- Worked with sidecar proxy in Service Mesh technologies
- Wrote Bash/YAML scripts

Developer practices:

- Analyzed and worked/deployed with code of the services written by Go/Java
- Wrote Go-patches based on gRPC-solutions for services

Others:

- Participated in daily status with the customer
- Participated in code review progress
- Clarified requirements

Tools, Environment, Languages and Technologies: Linux, Git, CI, Go/Java/Bash/Python Scripting, HashiCorp (Nomad, Terraform, Consul), Service Mesh, Envoy, gRPC, AWS (CloudWatch, CloudFormation, S3, EC2), Django

Coherent Solutions – Minsk, Belarus

Project: RedShelf (April 2020 – August 2020)
Position: Developer/DevOps Engineer
RedShelf has a digital textbook platform for schools. RedShelf distributes solutions for business written by Django.

DevOps practices:

- Supported CI/CD pipelines (AWS) (wrote a pipeline, BASH/Python scripts for building and deploying artifacts written by Python)
- Created, configured and supported infrastructure in AWS (IAM, CloudWatch, Fargate, CodeBuild, CodeComit, S3, ECR, EC2)/Heroku
- Created, configured and supported infrastructure in Google Cloud Platform (IAM & Admin)
- Worked with Docker (Docker-compose) orchestration

Developer practices:

- The created solution which worked with Google API (G Suite) (Python)

- The created solution which worked with Slack (public channels technologies) via API (Python, RabbitMq, Postgres)
- Created solution which tested connections for Rabbit/Postgress/Redis/ElasticSearch on Django (Python/Django)

Others:

- Participated in daily status with the customer
- Participated in code review progress
- Clarified requirements

Tools, Environment, Languages and Technologies: Linux, Git, Heroku, G Suite API, Slack API, CI, Bash/Python Scripting, Docker, Docker Compose, GCP (IAM & Admin), Heroku, AWS (CloudWatch, Fargate, CodeBuild,CodeComit, S3, ECR, EC2), Django

Coherent Solutions – Minsk, Belarus

Project: Sparta (Mart 2020 – May 2020)
Position: DevOps Engineer

Sparta creates quality management software (i.e. audit, corrective/preventive action management, compliance docs, etc.) for the medical device and life sciences industry. Sparta propagates solutions for analyzing and building its own tests cases on Salesforce platform.

DevOps practices:

- Support CI/CD pipelines (Jenkins) (wrote pipeline, scripts for building and deploying artifacts written by Groovy)
- Create and provision infrastructure written by Terraform to AWS from GIT
- Support pipeline for deploying services to Kubernetes to AWS EKS
- Support infrastructure in AWS (CloudWatch, S3, ECR, EKS, EC2)
- Work with Docker (Docker-compose) virtualization

Others:

- Participated in daily status with the customer
- Participated in code review progress
- Clarified requirements

Tools, Environment, Languages and Technologies: Linux, Git, CI, Docker, Terraform, Jenkins, AWS (CloudWatch, ECS, S3, ECR, EC2), Groovy

Workfusion – Minsk, Belarus

Project: SPA High Availability (July 2019 – February 2020)
Senior DevOps Engineer

The increase of AI and automation, along with the changing roles of people in the workforce, have created both complexity and opportunity for individuals, businesses and entire countries. The goal of the project was to reduce this complexity and help the customers to exploit the opportunity through products that pair people with intelligent software robots.

DevOps practices:

- Create, configure and support AWS infrastructure (VPC, Subnet, Security Group, IAM, S3, Bucket, CloudFormation, CloudWatch, CloudTrail, SNS, Route53, EC2, provisioning by Terraform/CloudFormation/Ansible and Jenkins)
- Create and use AWS AMI via Packer
- Prepare and create CI/CD pipeline via Groovy DSL on Jenkins Job
- Configure and work with monitoring systems ELK with metric beats (filebeat, heardbeat, etc. through Logstash, ElasticSearch, Kibana)
  Configure and support current systems with different technologies (HAProxy, Nginx, Zookeeper/Zoonavigator, Hashicorp Vault, Apache Mesos orchestration system

(Cronos/Marathon), MinIO, Nexus, NFS, Tomcat, RabbitMQ)
- Supporte AWS Cloudformation code
- Wrote Bash/Python/YAML scripts
- Performed troubleshooting and bug fixing

Others:
- Participated in daily status with the customer
- Participated in code review progress
- Clarified requirements

Tools, Environment, Languages and Technologies: Linux, BitBucket, Jenkins, Bash/Python Scripting, AWS (VPC, Subnet, Security Group, IAM, S3 Buckets, CloudFormation, CloudWatch, CloudTrail, SNS, Route53, EC2 instances), HAProxy, Nginx, Zookeeper/Zoonavigator, Logstash, Elasticsearch, Kibana, Nexus, MinIO, RabbitMq, Apache Mesos, Hashicorp Valult, Packer

In-Traveling – Minsk, Belarus

Project: In-traveling (February 2019 – March 2019)
Senior DevOps Engineer

In-traveling is a platform which allows people travelling all over the world who doesn't have much money (StartUp).

DevOps practices:
- Support CI/CD pipelines (BitBucket CI) for infrastructure in Digital Ocean Cloud (wrote pipeline, BASH/Python scripts for building and deploying artifacts written by Java/Vue)
- Create, configure and support infrastructure in Google Cloud Platform (VM, VPC, GKE, LB, Docker)
- Work with Docker (Docker-compose) orchestration
- Write Bash/Python/YAML scripts

Tools, Environment, Languages and Technologies: Linux, BitBucket, BitBucket CI, Bash/Python Scripting, Docker, Docker Compose, GCP (Vm, VPC, GKE, LB, Function), Liquidbase, Java EE/Vue, MariaDB, DigitalOcean(Cloud Virtual Mashine)

Elinext - Absolute Audio Labs – Minsk, Belarus

Project: PYOUR. Absolute Audio Labs (February 2019 – May 2019)
Senior DevOps Engineer

Absolute Audio Labs is a Netherlands based software company. With the introduction of Audio-as-aService (AaaS), hardware no longer dictates or limits the available audio features to the user. It is in fact an application layer for audio that runs on top of mass market wireless consumer audio products like headphones, earbuds. The most innovative audio features, including voice assistants, personalization, speech-in-noise improvement, 3D Audio, PTT, transparency, dB limiting and much more can be assigned to dedicated audio devices as you decide.

DevOps practices:
- Created, configured and supported infrastructure in Azure (Vm, Vmnet, RBAC)
- Worked with Azure Repos and Azure DevOps practices (making and supporting CI/CD pipeline by Azure tools)
- Worked with Docker (Docker-compose) virtualization
- Wrote scripts via Python/Bash for CI

Tools, Environment, Languages and Technologies: Linux, Jenkins, Groovy DSL, Bash/Python Scripting, Docker, Docker Compose, Azure (Vm, Vm-net, RBAC, Repos, DevOps), NodeJs/Angular

Elinext - Media Service Company – Minsk, Belarus

Project: Media service (January 2019 – April 2019)
Position: DevOps Engineer

The work included a long-term customer engagement project for a US-based media service company.
DevOps practices:

- Create fault-tolerance systems in GCP via GKE/LB which get JSON events (Go/Rust backend, Docker, Docker-compose, GKE, GCP DataFlow)
- Configure and support managing instance (GCP Compute Engine) with Python-scripts which observe process of deploy ML to GCP ML service and upload result to Redis master
- Create and configure fault-tolerance based on Redis key-value database with replicas which can send faster response to back-end endpoints to user responses
- Create and configure fault-tolerance high load system based on GCP GKE which sent results to front end calls with results ML written by Go/Rust
- Create and configure notification system to email/slack via Python code
- Work with Docker virtualization
- Participate in code review progress
- Participate in daily status with the customer
- Clarify requirements

Tools, Environment, Languages and Technologies: Linux, BASH-scripting, Bash Scripting Google Cloud Platform(Cloud Storage, Cloud Balancer, Compute engine, PubSub, Dataflow, Dataproc, Big Query, Bigtable, ML, Python, Git, Redis, Docker)

Elinext - Bao He Group (Haoyeshengshi Pte Ltd) – Minsk, Belarus

Project: SaaS CRM Solution (October 2018 – May 2019)
Postionn: DevOps Engineer

Bao He Group of companies is a platform for foreign investors venturing into Singapore's lucrative financial market and implementing tailored solutions that include asset management, consulting and financial technology (fintech) among others.
DevOps practices:

- Configure and manage solution which was built via Docker virtualization with Jenkins on board in AWS Cloud
- Create, configure and support Jenkins jobs which make full cycle CI/CD for project written in C#(back-end) and Angular(front-end) to AWS (ELB, ScaleGroup, IAM, EC2 instances, templates)
- Create tasks which make infrastructure in AWS via Terraform and provisioning instances via Ansible
- Configure scripts which backup databases from Dockers containers with PostgresSQL to AWS S3 bucket by time written by Python
- Configure pipelines which created stream replication for new databases and services in AWS
- Work with Docker/Docker Compose
- Participate in code review progress
- Participate in daily status with the customer
- Clarify requirements

Tools, Environment, Languages and Technologies: Linux, Jenkins, Groovy DSL, Bash Scripting, Docker, Docker Compose, AWS (EC2, Security Groups, IAM, S3, CodeCommit, DinamoDb), RabbitMQ, Python, Terraform, Ansible

Elinext – Minsk, Belarus

Project: Automated system to delivery IoS/Android artifacts (October 2018 – June 2019)
Position: DevOps Engineer

Elinext is an expert in custom software development and IT-consulting business with a strong focus on delivering full cycle software development services: specification development, architecture planning, requirements analysis, coding, testing, integration and product support.

DevOps practices:

- Configure and manage solution which use Docker virtualization with Jenkins
- Create, configure and support Jenkins jobs which make full cycle CI/CD for artifacts (apk, ipa) and upload it to GCP Storage with special functionality
- Configure GCP Compute Engine, Function and mechanism written by Python which allows access customer to artifacts on GCP Storage
- Work with Docker/Docker Compose
- Participate in code review progress
- Participate in daily status with the customer
- Clarify requirements

Tools, Environment, Languages and Technologies: Linux, Jenkins, Gitlab, BASH-scripting, Groovy DSL, Docker, Docker Compose, GCP (Functions, Computer Engine, Storage, Cloud Repositories), Python

Elinext – Minsk, Belarus

Projects: Bogan, TimeTracker, Shredded (October 2018 – June 2019)
Position: DevOps Engineer

The work included 3 small Android projects developed for different areas.

DevOps practices:

- Create Jenkin' jobs and pipelines for full cycle CI/CD (Groovy DSL/Bash)
- Work with Docker virtualization for building Android artifacts
- Participate in code review progress
- Participate in daily status with the customer
- Clarify requirements

Tools, Environment, Languages and Technologies: Linux, Jenkins, Gitlab, BASH-scripting, Groovy DSL, Bash Scripting

ItSupportMe - Global Healthcare Management LLC – Gomel, Belarus

Project: Data Lake (April 2018 – October 2018)
Position: BI developer/ DevOps Engineer

Global Healthcare Management specializes in providing a broad spectrum of marketing services to clients in the medical and healthcare industries. The goal of the project was to provide access and solution to full data analysis.

- Work with Linux (Ubuntu/Debian/CentOs7)/ Windows advanced Windows 2012 Server
- Create ETL-jobs for different sources (Python/Scala/Spark/C++/Java for upload results to AWS S3 Buckets)
- Create AWS Glue ETL jobs for conversion different sources to necessary format for AWS Athena/AWS Redshift
- Work with databases such as Pervasive/MySQL/AWS Dynamo DB/AWS Athena/AWS Redshift/BigQuery/BigTable
- Create ETL processes for conversion JSON - data from Google Cloud Load Balancer to Cloud DataFlow
- Write Bash/Python scripts for CI/CD processes
- Develop CI-process by GitLab CI
- Configure and supported AWS EC2 instance
- Create notifications system by AWS Lambda to different sources (e-mail/Stride)
- Log standard and customize events to AWS CloudWatch service
- Work with Google Cloud Platform (Function, Cloud Storage, Computer Engine, Cloud Load Balancer)
- Work with virtualization by Docker-containers
- Participate in code review progress

- Participate in daily status with the customer
- Clarify requirements

Tools, Environment, Languages and Technologies: Windows 2012 Server/Linux (Ubuntu/Debian/Centos) , Java SE, Scala, C++, BASH-scripting, Pervasive, MySQL, AWS (DinamoDb, Athena, Redshift, Glue, Lambda, EC2, S3, CloudWatch), GCP(Function, BigQuery,BigTable, Load Balancer, Computer Engine, Storage)

EPAM - Everything Everywhere (EE) – Gomel, Belarus

Project: EEUK-COLO, Colorado (April 2017 – March 2018)
Position: Software developer / DevOps Engineer

Everything Everywhere (EE) is a British mobile network operator, internet service provider and a division of BT Group. EEUK-COLO, Colorado is a part of Memphis project. The team provided solution for selling Apple related addons in service plans.

- Analise business requirements
- Perform code refactoring
- Develop the structure of the new functional
- Participate in code review progress
- Create settings stub responses
- Perform bug fixing (back end and front end)
- Set up and use Jenkins Job for automation of the continuous assembly process
- Set up envs for tests code on the Amazon services
- Develop BASH-scripts on the env for helping automation deployment from Jenkins
- Participate in daily status with the customer
- Clarifiy requirements

Tools, Environment, Languages and Technologies: Window/Linux, Groovy DSL, Java EE, Spring Core, JSTL, JSP, AJAX, Jquery, Javascript, JSON, YAML, OSGI, Nginx, Apache Karaf, Apache Tomcat, Jenkins, SVN, Maven, SVN, BASH-scripting, Redis, AWS (EC2, IAM, Lambda), SSH

EPAM - Everything Everywhere (EE) – Gomel, Belarus

Project: EEUK-SEC, MyEE Security Defects (January 2017 – March 2017)
Postion: Software developer

The project included work with MyEE Security Defects. The team performed code refactoring, fixed bugs, etc.

- Perform code refactoring
- Perform bug fixing (back end and front end)
- Participate in daily status with the customer
- Clarify requirements

Tools, Environment, Languages and Technologies: Windows, Java EE, Spring Core, JSTL, Javascript, OSGI, Nginx, Apache Karaf, Jenkins, SVN, Maven, SVN, BASH-scripting

Department Bureau of System Programming (DBSP) – Gomel, Belarus

Project: ETL recovery system (January 2016 – January 2017)
Position: Software developer

DBSP a leading enterprise in the Republic of Belarus and the Russian Federation specializing in largescale development of system and application software for managing radar and information tools for an outer space monitoring system.

- Worked out the database and requirements

- Created fault-tolerant structure of databases systems
- Configured and supported fault-tolerant replication systems
- Performed code refactoring
- Performed bug fixing (back end and front end)
- Participated in daily status with the customer
- Clarified requirements

Tools, Environment, Languages and Technologies: Linux (Ubuntu, MSVC 5.0), Netbeans, C++, STL, Cmake, BASH-scripting, PostgresSQL, SQL