



Dorian Dinh Xuan

dorian.dinhxuan@gmail.com • Poland/Warsaw

Senior Devops Engineer



Experience

Baracoda Group, Poland, Warsaw

Lead/Senior Devops Engineer • Dec, 2022 – Present •

- ◆ **Create infrastructure for an IoT platform for a leading daily healthcare provider.**
 - Designs, implements, and architects microservices infrastructure on AWS in Multi-tenant architecture.
 - Creates secure, high-availability cloud environments utilizing Infrastructure-as-Code practices with Terraform for both production and non-production environments.
 - Configures AWS network and security components, including VPCs, VPNs, subnets, route tables, peering connections, internet and NAT gateways, network ACLs, and security groups.
 - Sets up, configures, and maintains EKS clusters, ensuring optimal performance and reliability for both production and non-production environments.
 - Develops Dockerfiles for the services following best practices.
 - Design, implements and improve continuous CI/CD pipelines using CircleCI and ArgoCD.
 - Sets up, configures, and maintains Hashicorp Vault.
 - Create and manage custom Terraform modules for robust infrastructure development.
 - Implements comprehensive monitoring, logging, and alerting systems using AWS CloudWatch, Grafana, and the Prometheus.
 - Writes Python scripts to automate unusual infrastructure tasks, improving IT efficiency.
 - Sets up, configures, and maintains AWS Organisation.
 - Implements cost optimization strategies for AWS, effectively reducing expenses while maintaining optimal cloud service performance.

■ Tech stack

- AWS, Terraform, EKS, Kubernetes, Helm, ECS, CircleCI, ArgoCD, Vault, Docker, Python, Grafana, Prometheus, Linux, MongoDB, Postgres

Emagine, Poland, Warsaw

Senior Devops Engineer • Apr, 2021 – Dec, 2022 •

- ◆ **Develop and Maintain AWS Infrastructure for a Major Tobacco Company.**
 - Develops and enhances existing AWS infrastructure using Terraform Enterprise in both production and non-production environments.
 - Optimizes non-standard infrastructure processes through custom automation using Lambda functions and Python.
 - Establishes and configures CI/CD pipelines for infrastructure deployment.
 - Develops Python automation scripts to configure new firewall rules in Palo Alto systems, triggered by specific parameters in Jira tickets.

■ Tech stack

- AWS, Terraform Enterprise, Docker, Linux, Jenkins, Ansible, Python, Palo Alto

- ◆ **Develop and Maintain Data Lake infrastructure in AWS for One of the Largest Banks in the EU.**

- Enhances and upgrades existing AWS Data Lake infrastructure for both production and non-production environments using Terraform.
- Optimizes non-standard infrastructure processes through custom automation using Lambda functions and Python.

■ Tech stack

- AWS, Jenkins, Ansible, Linux, Terraform, Packer, Python, Palo Alto

Webellian, Poland, Warsaw

Devops Engineer • Mar, 2017 – Mar, 2021 •

- ◆ **Migration of infrastructure from On-Premise to the AWS Cloud.**
 - Collaborates in the design and deployment of cloud solutions on Amazon Web Services for enterprise-level projects.
 - Participates in the migration of on-premises infrastructure to AWS Cloud, contributing to improved efficiency and scalability.
 - Creates secure, high-availability cloud environments using Infrastructure-as-Code practices with Terraform.
 - Configures AWS network and security components, including VPCs, VPNs, subnets, route tables, peering connections, internet and NAT gateways, network ACLs, and security groups.
 - Acquires extensive knowledge of key AWS services like VPC, VPN, EC2, RDS, S3, IAM, ELB, ALB, ECS, ECR, Route53, CloudWatch, Lambda, and Elastic Beanstalk.
 - Develops skills in AWS backup and disaster recovery strategies, including RDS Multi-AZ, read replicas, and snapshot management.
 - Implements comprehensive monitoring, logging, and alerting systems using AWS CloudWatch, SNS, Grafana, and ELK stack.
 - Designs and manages Terraform modules for robust infrastructure development.
 - Establishes and maintains deployment pipelines for AWS services utilizing GitLab, Terraform, Ansible, and Packer.

■ Tech stack

- AWS, Gitlab CI, Docker, Terraform, Jenkins, Ansible, Python, Packer, Grafana, Linux, ELK Stack

- ◆ **Create and Maintain Microservices infrastructure in AWS for One of the Biggest Grocery Store in Poland.**

- Design, Implement, and Architect Microservices Infrastructure on AWS.
- Created secure, high-availability cloud environments using Infrastructure-as-Code practices with Terraform for Both production and non production environments.
- Configured AWS network and security components, including VPCs, VPNs, subnets, route tables, peering connections, internet and NAT gateways, network ACLs, and security groups.
- Established a Secure Connection to Private EC2 Instances via Bastion Hosts.
- Deployed and configured Jenkins server for the CI/CD purposes.
- Created an Optimized Dockerfile Following Best Practices for the Services.
- Implemented comprehensive monitoring, logging, and alerting systems using AWS CloudWatch, SNS, Grafana, and ELK stack.
- Designed and managed Terraform modules for robust infrastructure development.

■ Tech stack

- AWS, Jenkins, ECS Fargate, Linux, Terraform, Packer, Python, Grafana, ELK Stack

Open Finance SA, Poland, Warsaw

Junior PHP developer • Nov, 2015 – Sep, 2016 •

Designing and implementing of a model for generating bank documents in the Application. "Credit Applications Generator" in PHP and PostgreSQL.

Education

Polish-Japanese Academy of Information Technology

Engineer of Animation 3D • 2012 – 2017 •

Skills

IaaS Tools / Cloud Computing

AWS

Provisioning Tools

Terraform Ansible Vagrant Packer

Containerization

Docker Kubernetes Elastic Container Services (ECS) Elastic Kubernetes Service (EKS)

CI / CD

CircleCI ArgoCD Jenkins Gitlab

Monitoring / Logging Tools

CloudWatch Grafana Prometheus ELK Zabbix

Databases / Security

MongoDB Postgres MySQL Vault S3

Version / Source Control Management

Git GitHub Bitbucket CodeCommit

Operating Systems

Linux Centos Ubuntu Amazon Linux 2

Scripting languages

Bash Python

Messaging / Collaboration

Slack Jira Confluence Teams Trello

Languages

- Polish - Native
- English - Advanced

Certificates

- AWS Certified DevOps Engineer - Professional
 - Jan 31, 2020 – Jan 31, 2023 •
 - Certificate ID: XJNFK61CNEBEQ7WL
- AWS Certified Solutions Architect - Associate
 - Jul 17, 2020 – Jul 17, 2023 •
 - Certificate ID: CMGXEJ8CFJQ4QMW7
- Chmurowisko AMAZON Web Services - Droga Architekta
 - 2017 – Present

Hobbies

- Cloud Computing & Automation
- Motorcycling
- Bodybuilding/Fitness