# Pamastin Vubangsi

A Certified AWS DevOps Engineer With Experience in Cloud Infrastructure, Automation and DevOps.

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## Profile

Enthusiastic and skilled Junior DevOps Engineer with 3 years of hands-on experience in AWS infrastructure management, automation, and deployment. Possessing a strong foundation in DevOps principles, along with certifications in DevOps and Terraform. Aiming to contribute technical expertise and innovative solutions to a dynamic team. Achievements: Automation Excellence Pioneered the automation of routine tasks, improving operational efficiency by 20% and allowing the team to focus on strategic initiatives. Cost Optimization Implemented cost-saving measures in AWS, resulting in a 15% reduction in monthly infrastructure expenses while maintaining performance and reliability.

## Employment

**AWS DevOps Engineer**                          Mar 2022 - Present
NetStandard, United States

- Spearheaded the design and implementation of CI/CD pipelines for NETStandard applications, significantly reducing release cycles and improving overall delivery efficiency.
- Automated infrastructure provisioning and management using Terraform, ensuring scalability, reliability, and adherence to best practices.
- Orchestrated containerization strategies using Docker for .NET Standard applications, optimizing resource utilization and facilitating consistent deployment across different environments.
- Collaborated with development teams to integrate automated testing processes into CI/CD pipelines, resulting in improved code quality and faster time-to-market.
- Implemented and maintained monitoring and logging solutions utilizing ELK Stack and Prometheus for NETStandard applications, enabling real-time visibility and proactive issue resolution.
- Conducted regular security audits and implemented security measures, including IAM roles and security groups, to ensure the integrity and confidentiality of sensitive data.
- Worked closely with cross-functional teams to troubleshoot and resolve complex issues, providing technical support and expertise in NETStandard environments.
- Contributed to the development and maintenance of documentation for infrastructure, processes, and deployment procedures, ensuring knowledge sharing and onboarding efficiency.
- Actively participated in on-call rotations to address critical incidents and emergencies promptly.

**AWS Cloud/ Devops Engineer**                    Oct 2019 - Oct 2020
Victorcloud Consulting, United Kingdom

- Done POCs and provided cloud solutions to stakeholders and development teams for multi-tier architecture both serverless and server-based workloads.
- Implemented security at every level of cloud architecture and at the level of S3.
- Utilized lucid chart and draw.io for developing infrastructure diagrams and automation of preexisting architectures.
- Made use of disaster recovery scenarios for pilot light, warm standby and backup and restore. Used Tools storage gateway for moving file from on-prem to cloud, as well as the failover policy of route53.
- Used Terraform as IAC to provision resources in the cloud. Be enabled to

## Personal details

LinkedIn
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## Skills

.NET

AWS lambda

dynamoDB

EC2

Amazon EC2

RDS

S3

AWS

Ansible

automated testing

backend

backup solutions

cloud solutions

Cloud

cloud architecture

CloudWatch

Amazon CloudWatch

configuration management

Confluence

CI/CD

data center

data integrity

logging

DevOps

disaster recovery

Docker

make use of secrets manager to store terraform values and S3 buckets.
- Used Systems manager for patching AMIs.
- Utilized AWS lambda automating jobs on AWS.
- Part take in cost optimization projects by making use of savings plans, spot instances, setting billing alarms and make use of instance scheduler for saving cost.
- Leveraged a landing zone for deploying Control Tower for managing multi accounts on organizational units (OUs)and leveraging service control policies for security.
- Used dynamoDB as no SQL database for backend application.
- Leveraged transit gateway for connecting VPCs together and VPN connection to the data center.
- Leveraged many security measures for data at rest in the s3 bucket by encryption, versioning,and MFA.
- Used Jira to plan, track,support and close requests, ticket and incidents.
- Implemented maintenance and configuration of user account for Dev, QA and production servers and created roles for EC2,RDS, S3, Cloud Watch resources to communicate with each other using IAM.

### AWS DevOps Engineer                                     Apr 2017 - Apr 2018
MTN, Cameroon
- Collaborating in the migration of on-premises infrastructure to AWS, ensuring seamless integration and optimizing resource utilization.
- Implemented EC2 instances, VPCs, and security groups, adhering to AWS best practices.
- Established a robust CI/CD pipeline using AWS CodePipeline and Jenkins, automating the deployment of applications and reducing release cycles.
- Developed Terraform scripts for infrastructure as code, enhancing scalability and ensuring consistent infrastructure across development, testing, and production environments.
- Implemented Docker containers for applications, improving deployment efficiency and enabling easy scaling of services.
- Utilized Ansible playbooks to automate configuration management tasks, reducing manual errors and enhancing system reliability.
- Implemented monitoring solutions using CloudWatch for real-time visibility into AWS resources.
- Set up ELK Stack for centralized logging, facilitating efficient troubleshooting and analysis.
- Implemented IAM roles and security groups to enhance AWS security posture.
- Conducted regular security audits and contributed to the development of security best practices.
- Collaborated with cross-functional teams, providing technical support and guidance.
- Documented infrastructure and processes using Confluence, ensuring knowledge sharing and onboarding efficiency.
- Implemented automated backup solutions to ensure data integrity and swift recovery in case of system failures.
- Collaborated with development teams to identify and optimize resourceintensive processes, improving overall system performance.

## Education

### MBA, Business Administration                            Sep 2018 - Aug 2020
University of Bucharest, Bucharest

### Computer Science , Computer Engineering                 Sep 2014 - Aug 2016
CIM Cyprus Institute of Marketing

### Higher National Diploma, Computer Science                        Present
National Polytechnic University Bamenda

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ELK Stack

IAM

Jira

Jenkins

versioning

system reliability

route53

S3 buckets

s3 bucket

SQL database

serverless

code quality

Terraform

VPN

Enthusiastic

issue resolution

troubleshoot

reliability

proactive

strategic initiatives

## Languages

English

French