**DAVID PACMOGDA**

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**Professional Summary**

Skilled Cloud Engineer with 5+ years of experience in cloud designing, automation and implementation of various cloud management products and services in AWS. Expert in leveraging configuration management, CI/CD, Docker, Kubernetes and DevOps processes, Strong skills in providing operations and maintenance support for AWS cloud resources. Experienced in working under pressure and adapting to new situations with a track record of meeting company's objective by leveraging critical thinking to solve problems and making impactful decisions.

**Core Competencies**

* **Building Continuous Integration/Delivery pipelines**: Git, GitHub, Jenkins, SonarQube, Maven, Nexus, Prometheus and Grafana, Slack, Ansible, AWS Code Build, Code Pipeline, AWS CodeCommit, Codedeploy.
* **Cloud Orchestration & Automation**: Ansible, and Terraform
* **DevOps**: GitHub, ECS, EKS, CI/CD, Docker, Lambda, Jenkins, Amazon CodeCommit, CodeBuild, and CodeDeploy  
  Programming Languages: Python, JSON, and YAML
* **Networking & Content Delivery**: EC2, AMI, VPC, Subnets, Direct Connect, NACL, Security Group, Route53, Auto Scaling, ELB, SNS, SQS, Cloud Watch, and Elasticache.
* **Management & Governance**: AWS Organizations, CloudWatch, Auto Scaling, CloudFormation, AWS Config, CloudTrail, Systems Manager
* **Networking & Content Delivery**: Load Balancers, Route 53, CloudFront, Lambda.
* **Storage**: EBS, EFS, S3.
* **Database**: DynamoDB, RDS; Amazon Aurora, MySQL, Amazon Redshift.

**Work history**

**AWS DevOps Engineer**, 06/2022 -Present

**Alpha Life** – Omaha, NE

* Building CI/CD pipelines using Git, GitHub, Jenkins, Maven, SonarQube, Nexus, Prometheus, Grafana and Slack Deployed static and Dynamic Website on AWS with Docker, Amazon ECR and Amazon ECS.
* Implementing infrastructures as code using Terraform, and Ansible.
* Worked with development teams to help engineer scalable, reliable, and resilient application running in cloud
* Created VPCs and attach all applicable components needed to build fault tolerance and highly available environment.
* Apply Auto Scaling and Elastic Load Balancing to create high availability and fault tolerance application.
* Deployed Containerized Application with Terraform Modules.

**Cloud Engineer**, 06/2020 -5/2022  
**E2 Optics** – Omaha, Nebraska

* Responsible for launching Amazon EC2 instances using Amazon web services and configuring launched instances
* IAM administration (created users, groups, roles, policies), build VPC with custom Network Access Control List and Security Groups.
* Create Identity Access Management roles for various resources like EC2, RDS and S3 in order to communicate with each other
* Managed provisioning of AWS infrastructures using both Terraform and CloudFormation
* Designed and implemented for elasticity and scalability using ElastiCache, CloudFront – Edge locations, RDS (read replicas, instance sizes)
* Enabled access logging for Cloud Trail S3 bucket so that you can track access requests and identify potentially unauthorized or unwarranted access attempts.

**Cloud Engineer**, 02/2017 - 05/2020  
**Integer Life Choice** – Omaha, NE

* Deployed databases in private subnets and configured bastion hosts and NAT Gateway for access to the internet.
* Developed and maintained deploy jobs for application code deployment across all environments using automation tools like Jenkins, GitHub, Ansible and Docker.
* Configured Jenkins job with Maven build tool and accomplished continuous deployment by integrating Ansible and Jenkins using Jenkins plugins.
* Troubleshoot applications hosted in the AWS platform to identify performance, connectivity and security issues.
* Monitored end-to-end infrastructure using CloudWatch and SNS for notification

**Driver**, 06/2015 - 02/2017  
**Uber** – Bronx, NY

**skills**

* Docker
* Kubernetes
* Jenkins
* Amazon Web Services (AWS)
* Ansible
* Terraform
* Python
* Shell scripting
* Linux
* Git

**Education**

* **Management of Information System**,2018

*Metropolitan Community College*

* **Economics** -2015

*University of Koudougou -Burkina Faso*

**Certifications**

* AWS Certified Cloud Practitioner
* Full Stack Developer – Nucamp