

Roland M Ejong

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AWS DEVOPS ENGINEER|CLOUD ENGINEER

AWS SERVICES | NETWORKING | DEVOPS TOOLS

Skilled cloud Engineer/DevOps Architect with over 11 years of experience designing and delivering security and network solutions in cloud infrastructure based on AWS cloud security standards-governance and control practices. Outstanding performance in systems administration, software configuration management, cloud integration using CI/CD and source code management tools for end-to-end automation and deployment of software to different environments. Hands on experience with version control tools like Git and GitHub. Good working experience on Linux, Unix and Windows Operating Systems.

I have a strong aptitude to analyze and resolve problems. I am proactive to good leadership, organizational and managements skills. Strong analytical and problem-solving skills, self-motivated individual who loves new challenges and is willing to take the initiative to learn new concepts and skills set quickly.

WORK EXPERIENCE

Regions Bank - Oklahoma City, Ok

September 2019 - Present

AWS Devops Architect

Used Lucid Chart to develop architectural diagrams before implementation and to give customers and clients a visual workflow of what they require.

- Design and architect self-healing, secured, HA and fault tolerant infrastructure in AWS making use of AWS services like ASD, Elastic load balancers (NLB and ALB).]
- Used ASG to scale horizontally and vertically based on ingress traffic and CPU utilization, to save on company resources and cost.
- Implement security best practices in AWS including multi-factor authentication, access key rotation, encryption using KMS and TLS, firewalls, Security Groups, and NACLs, s3 bucket policies. The reason being the client's data security is of great importance.
- Monitored servers, devices and applications to identify rectify potential issues on time Made use of CloudWatch and data dog for intensive monitoring of instances and resources.
- Architect Amazon RDS with multi-AZ for automatic failover servers and created roles for EC2, RDS, S3, and CloudWatch resources to communicate with each other using IAM.
- Established VPCs connectivity by making use of Transit Gateway for connecting VPCs and VPN connecting datacenter.

- Experience in migrating and implementing multiple applications from on-premises to cloud using AWS services, S3, DBMS, Cloud Formation, s3, Route 53, Glacier, EC2, SNS, Lambda, VPC, Cloud Trail, API gateway.
- Also made use of Content Delivery Service (CloudFront and AWS Global accelerator) to catch company data so that our users from different AWS regions can access data at quicker rates due to low latency.
- Implemented maintenance and configuration of users account for Dev, QA and production servers and created roles for EC2, RDS, S3, and CloudWatch resources to communicate with each other using IAM.
- Utilized AWS Code Pipeline for comprehensive end-to-end CI/CD pipelines, effectively orchestrating the build and deployment of frontend applications to Amazon S3. This streamlined workflow significantly improved efficiency and automation in the software development lifecycle.
- Orchestrated Kubernetes clusters for efficient microservices deployment, optimizing resource utilization. Containerized applications via Docker and stored images securely on Amazon Elastic Container Registry (ECR) for streamlined management and deployment.
- Collaborated with network teams to establish cloud network standards with AWS VPC, Transit Gateway, Site-to-Site VPN, and Direct Connect.

DoorDash - Dallas, Texas

August 2016-July 2019

AWS Cloud / DevOps Engineer

Build and configure a virtual data center in the AWS Cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnet, Security Groups (SG), Route Tables, Elastic Load Balancers (ELB), Route 53]

- Partook in disaster recovery scenarios for backing up data and utilizing AWS backup and restore tools like AWS storage gateway and developed solutions around pilot light and warm standby.
- Build servers using AWS, import volumes, launch EC2, RDS, create SG, auto-scaling, ELBs in the defined VPC.
- Automate Compliance Governance by provisioning and leveraging AWS Landing Zone as well as AWS Control Tower for centralized enterprise architecture and centralized managing.
- Ensure data recoverability by implementing systems snapshot, AMIs, RDS replicas and application-level backup to S3.
- Life cycle configuration for data to live and cycle within buckets in accordance with how often it can be accessed thereby minimizing cost.
- Setting up EC2 instances and prerequisites on the instances for deploying the applications.

- Experienced in creating multiple VPCs, Public, private subnets as per requirement and established connectivity to AWS Resources in another VPC in another region using AWS VPC Peering.
- Created and managed multiple containers using Kubernetes and creating deployments using Yaml code.
- Used terraform for deploying and managing cloud infrastructure. Configured backends, used functions and GitHub Actions for automating terraform pan.

M&T Bank – Oklahoma City OK

July 2013- April 2016

Scrum Master

Provided training and coaching to scrum teams on Agile scrum framework, Agility health.

- Facilitated and re-enforced Agile ceremonies (Backlog Refinement, Daily Scrum, Sprint Planning, Sprint Retrospectives, Scrums of Scrums, Communities of Practice.
- Worked closely with Product Owners in product backlog management and continuous delivery of features.
- Educate and reinforce Agile framework (Scrum, Kanban) on team members and key stakeholders when needed.
- Encouraged and facilitate cross-team coordination and collaboration.
- Provided leadership, direction, and coaching to team to encourage adoption and good Agile practices.
- In traduced and facilitated team's Agile Scrum Ceremonies (Daily Scrum, Retrospectives, stakeholder meetings, and software and System demonstrations) for scrum teams.
- Directed and coached development team from project initiation through delivery of final product.
- Generated and posted end of Iteration review reports form team deliverable and Agile Methodology adoption

EDUCATION

University Of Bamenda - Northwest, Bamenda

Bachelor's Degree – Computer Science, 2013

TECHNICAL SPECIALITIES

AWS Services:

EC2, EFS, VPC, RDS, S3, Elastic Beanstalk, Glacier, IAM, Kinesis, CloudFront, CloudTrail, CloudWatch, CloudFormation, Route53, DynamoDB, SNS, SQS, API Gateway, CodePipeline, CodeBuild, Elastic Cache, CodeDeploy.

Migration Tools:

AWS DataSync, Application Migration Service.

Source Code Management:

GitHub, AWS CodeCmmit.

Databases:

MySQL, Aurora, DynamoDB, Redshift.

Security Tools:

AWS Inspector, Wiz, Tenable Nexus, AWS Systems Manager, SonarQube.

Platforms:

Window, Linux, Ubuntu.

Programing and Scripting Languages:

Python, JSON, yaml

DevOps Tools and CI/CD Pipelines:

GitHub Actions, AWS CodePipeline, Git, GitHub, Docker, SonarQube,

Maven, NPM, GitHub Packages, ECR, EKS

Ticketing Tools:

Jira (Agile/Scrum methodology).