







Cloud Engineer / CloudSpace Consulting, LLC Dec 2019 - Present

Manassas, VA

* Designed and implemented cloud-based solutions: This involves working with various stakeholders to understand their requirements and designing cloud-based solutions that meet those needs.
* Deployed and managed cloud infrastructure: This includes setting up cloud computing resources (EC2, Lambda, Beanstalk, Lightsail), Storage (EBS, S3, EFS) , Networking (VPC, Subnets, IGW, Nat Gateway, VPN, Direct connect, VPC Peering, VPC endpoint, Route Tables, DNS, Route 53, Load balancer, Cloudfront) , Security services ( IAM, SSO, Cognito, MFA, Security Groups, Nacl, WAF, AWS Shield, KMS, ACM, Amazon Guard duty, Amazon Inspector) , as well as Monitoring (Cloudwatch, CloudTrail, Trusted Advisor) , Databases ( RDS, DynamoDB, Redshift), and maintaining their performance.
* Automated the deployment and management of cloud infrastructure and services: This involves using Iaac tools like Cloudformation and Terraform, IDE tools like VSCode, Configuration management tools like Ansible.
* Designed, implemented, and maintained automated processes for continuous integration and continuous delivery (CI/CD). This involves using Sources control tools like GitHub and AWS Code Commit, build and testing tools such as code build, Maven, Code deploy, CI/CD Orchestrator tools such as Code Pipeline and Jenkins.
* Automated, Deployed and Maintained Secured, highly available and containerized applications using Container Orchestration tools such as Docker, EKS, ECS, Kubernetes, AWS Fargate.
* Collaborated with development and operations teams to ensure that Application is functioning smoothly, identify and resolve issues related to infrastructure and software deployment.
* Ensuring that systems and applications comply with industry standards, regulations, and best practices.
* Troubleshooted and resolved issues: This may involve investigating system failures using centralized loggings (S3, Cloudwatch logs, elastic search, Splunk, Datadog) , identifying root causes, and debugging to ensure system uptime as well as providing on-call support as needed.
* Performed AWS cross account resource share, VPC peering, Transit Gateway, VPC endpoint.
* Participated in Application and data migration from on premises environments into AWS, and AWS to storage. Lift and shift migrations to Cloud
* Designed, built, and deploying 2 and 3-tier highly available and fault tolerant AWS applications using AWS best practices.
* Implemented Linux/Unix and Windows server system administration.
* Oral/written presentation skills with the ability to communicate effectively with leadership.
* Worked with all areas of Development teams to ensure the build and deployment process serves better quality for the business.
* Implemented roles and groups for users and resources using AWS Identity Access Management (IAM) and also managed network security using Security Groups, and IAM.
* Utilized Cloud Watch to monitor resources such as EC2, Amazon RDS DB services, Dynamo DB tables, to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Documented system configurations, Instance, OS, and AMI build practices, backup procedures, troubleshooting guides, and keep infrastructure and architecture drawings current with changes.

Cloud Engineer / Communicare Nov 2017 – Nov 2019

Glen Burnie, MD

* Facilitated all Scrum Events including the Sprint, Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective, Product Backlog Refinement. Workshops with stakeholders.
* Suggested architecture improvements, recommending process improvements.
* Used AWS Config and CloudTrail for the governance framework and enabled compliance, auditing, troubleshooting, etc of AWS accounts and resources.
* Proposed and developed a solution framework for more than 5 clients.
* Involved in system troubleshooting and problem-solving across platform and application domains.
* Built, released, and configured management of production systems.
* Ensured critical system security through the use of best-in-class cloud security solutions.
* Worked with application and architecture teams to conduct proof of concept (POC) and implement the design in production environment in AWS
* Migrated existing databases from on premise to AWS using various tools including but not limited to AWS Data Migration Services and AWS Schema Conversion Tool
* Supported production issues and troubleshooting for both on premise databases as well as Amazon Web Services (AWS) Relational Database Service (RDS)
* Prepared various dashboards in Jira which reflects risks, dependencies, impediments.
* Reflecting and radiating the metrics like burn down chart progress, quality, and velocity.
* Experienced in using cloud technologies to support critical business solutions and working closely with Operations and Server Administration provisioning the highly available EC2 Instances.
* Worked at optimizing volumes, EC2 instances, and created multiple VPC instances.
* Experienced in designing and deploying AWS solutions using EC2, S3, EBS, ELB, Auto Scaling groups.
* Performed research on AWS resources or tools to recommend to clients.
* Responsible for building out and improving the reliability and performance of cloud applications and cloud infrastructure deployed on Amazon Web Services.

**Project and Quality Manager / Better Life Consulting Nov 2012 – Oct 2016**

**Douala-Cameroon**

* Reviewed standard operating procedures or quality assurance manuals to refine production processes.
* Delivered reports on quality control metrics to internal departments for consideration in new contracts.
* Developed quality control criteria for products based on customer needs and intended product applications
* Sound understanding of security features and tools that AWS provides and how they relate to traditional services
* Gained understanding of optimizing and automating cloud-based systems to enhance their efficiency and scalability.



* **AWS Certified Solutions Architect – Associate**
* **Certified Professional Scrum Master (PSM1)**
* **AWS Cloud Training Bootcamp**



**University of Douala**

**Master’s degree in Computer and Quality Management**