**Eloka Okaro**

**Phone: (571) 842-3396 Email:** [**lopijay@gmail.com**](mailto:lopijay@gmail.com)

**Location:** *Laurel, MD 20707*

SUMMARY

* Highly accomplished and solutions-oriented IT Professional with broad based knowledge in Systems Designs and Development, implementing cost-effective, high-performance solutions and cloud implementations to meet challenging business needs.
* Cognitive about designing, deploying, and operating highly available, scalable and fault tolerant system using Amazon Web Services (AWS)
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Result oriented approach with Exceptional leadership skills.
* Extensive experience defining IT Roadmap, Cloud strategy, Enterprise/Solution architecture, Architecture assessment.
* Expertise with cloud native and serverless service offerings and architectures.
* Experience designing and implementing secure large scale transportation technology solutions and integrations leveraging industry software, custom developed software, hybrid cloud and edge/field operational technology.
* Knowledge of public and private cloud platforms (Kubernetes / Redhat Openshift, AWS, Azure, Google/GCP)

Certifications

* AWS Certified Solutions Architect – Associate

PROFESSIONAL EXPERIENCE

**Publicis Sapient** **Washington, DC**

**Contractor AWS Solutions Architect**  **March 2020 - Present**

* Installed applications on AWS EC2 instances and configured the storage on S3 buckets. Responsible for S3 buckets, bucket policies and IAM role-based policies creation
* Responsible for creating EBS volumes and building servers using importing volumes
* Responsible for creating Security Groups as well as Network access control lists, load balancers in the defined virtual private network. Responsible for creating CloudWatch alarms, events and notifications using SNS.
* Responsible for launching Amazon EC2 instances using Amazon web services and configuring launched instances with respect to specific applications and regions
* Monitored end-to-end infrastructure using CloudWatch and SNS for notification
* Project Management -AWS Infra design & application migration
* Developed and documented security guardrails for AWS Cloud environments
* Involved in migrating and implementing multiple applications from on premise to the cloud using services such as DBMS, CloudFormation, S3, Route 53, EC2, RDS, Lambda, VPC and SMS
* Help establish a clear, consistent technology vision through collaboration, influence, and enablement.
* Research, recommend, design, and develop systems and cloud-based application architectures to support the CloudForge engineering enablement platform.
* Stay informed on initiatives across the industry and the enterprise to help product owners and IT leadership effectively prioritize.
* Drive the architecture of foundational data model and supporting integration APIs by ensuring customer centric API design and discipline, and implementation of a serverless architecture to support the API.

**Booz Allen Hamilton** **Washington, DC**

**Consultant – AWS Solutions Architect** **June 2018 – March 2020**

* Configured private and public FQDN for Dev, QA, Prod EC2, instances and Load balancers by creating respective records in internal DNS server and using Route53 for public internet hostname.
* Utilized AWS CLI to automate backups of ephemeral data-stores to S3 buckets and EBS.
* Configured and maintained the monitoring and alerting of production and corporate servers/storage using CloudWatch.
* Installed and configured Nginex with SSL certificate and FQDN in dev, QA, and Prod.
* Migrated applications from internal data centre to AWS.
* Maintained edge location to cache data with CDN using Cloud Front to deliver data with less latency.
* Scaled distributed in-memory cache environment in the cloud using Elastic cache.
* Design architectural solutions including identity lifecycle for employees, contractors, service accounts, privileged accounts, and other identity types.
* Establish effective measurements of risk and data protection within my focus area and drive ongoing improvements.
* Establish and evangelize security best practices.
* Provide detailed architectural guidance for projects implemented by others.
* Assist Security Leadership in vendor management.
* Influence the prioritization of the Security investments by analysing and communicating their value to other teams and stakeholders.
* Assist others in balancing short-term results and long-term investment.

**Under Armour** **Baltimore, MD**

**Consultant – AWS Solutions Architect** **March 2017 – May 2018**

* Designing and implementation of public and private facing websites on AWS Cloud.
* Focusing on high-availability, fault tolerance, and auto scaling using AWS Cloud Formation.
* Automating the functionality of the Cloud using Lambda services.
* Worked on configuring Cross-Account deployments using AWS Code Pipeline, Code Build and Code Deploy by creating Cross-Account Policies & Roles on IAM.
* Configured various performance metrics using AWS Cloud Watch & Cloud Trail
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, DynamoDB, SES, SQS and SNS services in AWS Cloud.
* Create AMIs for mission critical production servers for backup.
* Setup and maintenance of automated environment using Chef Recipes & books withing AWS environment. Good understanding on Knife, Chef Bootstrap process etc.
* Deployed Docker Engines in Virtualized Platforms for containerization of multiple apps.
* Deployed and configured Git repositories with branching, forks, tagging, and notifications.
* Deploying and managing many servers utilizing both traditional and cloud-oriented providers (AWS) with the Chef Platform configuration system.
* Analyse application portfolios, identifying dependencies & common infrastructure platform components, and assessing migration feasibility.
* Define and enforce AWS Well-Architected pillars: operational excellence, security, reliability, performance efficiency, and cost optimization.
* Responsible for Architecting and Designing a secure AWS Enterprise cloud platform based on industry standards, best practices and guidelines.
* Determine technical standards and specifications and lead the architecture, design, build and support of shared services cloud platform components.
* Providing professional support services and/or the integration of their respective products.
* Lead Architecture review of applications and integrations to ensure security compliance.
* Periodic review of Cloud Infrastructure and Integrations to ensure platform standards are met.
* Drive the architecture of foundational data model and supporting integration APIs by ensuring customer centric API design and discipline, and implementation of a serverless architecture to support the API.
* Strong knowledge of Amazon Kinesis, AWS Lambda, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Workflow Service (Amazon SWF)

Education

* Higher National Diploma in Computer Science at The Institute of Management and Technology

TECHNICAL SKILLS PROFILE

* AWS Services: EC2, Elastic BeanStalk, EFS, VOC, RDS, S3, Glacier, IAM, Kinesis, Cloud Watch, Cloud Trail, Cloud Formation/Terraform, Cloud Front, DynamoDB, Lambda, Route53, SNS, SQS, API Gateway, Code Pipeline, Code Build, Elastic Search, Code Deploy, ElasticCache, RedShift.
* Configuration Management: Ansible, Chef
* Source Code Management: GIT, Bitbucket, Code Commit
* Web Technologies: HTML5, CSS3, Twitter Bootstrap, XML, JS/JQuery, Media Queries
* Programming: JSON, Python, Java, C, C++, Ruby, MATLAB, SQL/PLSQL
* Server: Weblogic, Apache Tomcat, WebSphere, JBoss, IIS, Nginx
* Methodologies: Oracle, MySQL, MongoDB, DynamoDB, MongoDB
* Operating Systems: Windows, Linux, Unix, Ubuntu, RHEL, Cent OS and Solaris
* DevOps Tools: AWS Code Pipeline, Code Build, Code Deploy, Elastic Beanstalk, Bamboo, Docker, jira, Bugzilla, Splunk, Nagios