Brave Okafor

Cloud | DevOps | SRE | Data

Malta

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SKILLS

Programming Languages: Python, Golang, JavaScript.

Cloud Providers: Google Cloud, AWS, Microsoft Azure.

Kubernetes: Kubernetes, Docker, Helm, Kustomize, ArgoCD, Metacontroller, CrossPlane etc.

Infrastructure as Code/ Config Management: Terraform, Pulumi, Packer, Ansible etc.

SRE/ DevOps: Terraform, Prometheus, Grafana, Stackdriver, CloudWatch, ELK etc.

Data/ ML: TrinoDB, BigQuery, Apache Kafka, Pandas, Apache Beam, AutoML, Vertex AI etc.

EXPERIENCE

KPMG LLP (MBS), Malta - *Cloud Architect Consultant*

APRIL 2022 - PRESENT

- Designed, implemented, and managed cloud resources using IaC tools such as Terraform and Pulumi.
- Implemented CI/CD pipelines using technologies like GitHub Actions, and GitLabCI.
- Managed production Kubernetes workloads using technologies like ArgoCD and Helm.
- Built CLI apps and automated platform tasks using Python and Golang.
- Assisted in the design and implementation of Landing Zones on Google Cloud.
- Assisted in the design and implementation of data warehouses, data pipelines and ML pipelines.
- Provided multi-language support, including Java, C++, Python, JavaScript, and Golang.
- Designed and implemented infrastructure to meet specific RPO, RTO, DR and security requirements.
- Designed and implemented monitoring and alerting strategies to track SLAs, Error Budgets, etc.
- Conducted incident management, including triaging, root cause analysis, reporting, and process improvement.
- Prepared project bids, including cost estimation, timeline projection, and resource allocation.

eTranzact International Plc, Lagos Nigeria - *Enterprise Architect (Infrastructure)*

OCTOBER 2021 - APRIL 2022

- Developed system architecture and infrastructure for services, including APIs and database schemas.
- Managed the development of cloud infrastructure and CI/CD pipelines.
- Provided support for Java (Tomcat) SpringBoot applications on Azure.
- Collaborated with team members to identify and create Proof of Concepts (POCs) for new market opportunities.
- Worked with stakeholders across multiple teams to deliver one of the company's first services on the cloud.

Blue Vector AI, Remote - *Cloud Architect Consultant*

SEPTEMBER 2021 - NOVEMBER 2021

- Provisioned cloud infrastructure using Terraform.
- Created CI/CD pipelines for infrastructure and application code.
- Assisted in the design and implementation of a virtual agent on Google Cloud CCAI..
- Collaborated with cross-functional teams to ensure successful project delivery.

Upwork, Remote - *Cloud Architect Consultant*

JULY 2019 - SEPTEMBER 2021

- Migrated workloads to the cloud with minimal downtime.
- Migrated monoliths workloads to microservices.
- Developed and implemented custom tooling, processes, and best practices for clients.
- Provisioned and managed cloud resources using IaC tools such as Terraform and Pulumi.
- Implemented CI/CD pipelines for infrastructure and application code using GitHub Actions, GitLab CI, etc.
- Containerised and orchestrated applications using Docker and Kubernetes.
- Implemented data warehouses and data pipelines.
- Trained client engineers in infrastructure, performance, and security best practices.

CERTIFICATIONS

- [Certified Kubernetes Administrator](#) - The Linux Foundation
- [Terraform Associate (002)](#) - HashiCorp
- [AWS Certified Solutions Architect](#) - Professional - Amazon Web Services
- [Professional Cloud Architect](#) - Google Cloud
- [Professional Cloud DevOps Engineer](#) - Google Cloud
- [Professional Cloud Security Engineer](#) - Google Cloud
- [Professional Data Engineer](#) - Google Cloud
- [Professional Machine Learning Engineer](#) - Google Cloud
- [Professional Cloud Database Engineer](#) - Google Cloud
- [Starburst Certified Practitioner](#) - Starburst
- [Azure Solutions Architect Expert](#) - Microsoft

OPEN SOURCE PROJECTS

- [terraform-gcp-template](#) - Terraform template to bootstrap a baseline project on Google Cloud.
- [terraform-aws-template](#) - Terraform template to bootstrap a baseline account on AWS
- [docker-healthchecker](#) - Lightweight utility, to carry out HTTP health checks in distroless Docker images.

AWARDS

Google Cloud Hero (Google) - *OCTOBER 2022*

- Recognised for demonstrating a high degree of expertise in Google Cloud technologies.