

ABOAGYE KENNETH DAVID

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PERSONAL PROFILE

A Dynamic, great communicator, self-motivated leadership, adaptable, strong work ethic, assertive, multi-tasking, a team leader, result-oriented, and driven professional with over 8 years of experience as a Devops Engineer specializing in software testing, automation and deployment.

- Expert in Designing and Developing Jenkins Deployment
- Expert in using Kubernetes platform for scaling and deployment of containerized applications
- Experience in using python to execute scripts and to assist with automation of software's
- Experience in using MAVEN and ANT as build tools for building of deployable artifacts (jar, war & ear) from different source codes
- Working Knowledge of branching and merge code lines in the GIT and resolution of conflict
- Experience in using the AMAZON WEB SERVICES PLATFORM (AWS)
- Experience in working closely with teams to ensure high quality and timely delivery of builds and releases
- Experience in designing, documenting and automating the build and release process
- Ability communicate effectively and adapt to new technologies and project environments.
- Good Knowledge on networking concepts like TCP/IP protocols, DNS, Switches

TECHNICAL COMPETENCIES; CLOUD /DEVOPS ROLES

Build Tools: MAVEN, ANT

Version Tools: GIT

CL Tools: Jenkins Bamboo,

Configuration management Tools:

Terraform, Puppet, Chef, Ansible

Languages: Python, shell scripting, Java

Database: MYSQL

Operating Systems: Windows Server Linux

TECHNICAL COMPETENCIES; SOFTWARE ENGINEERING ROLES

Software Product Development

Mobile App Development

SQL

Data structures and Algorithms

Backend Development

Software Testing and Debugging

Mathematical Modeling/ Applied Regression/ Statistics

Technical Skills

Technical Tools: Python, Java, Dart, Apache Spark, SQL server, PowerBI, Excel

PROFESSIONAL EXPERIENCE

EPIGOS AI DEC 2023- present

DEVOPS/ CLOUD ENGINEER

- Automated the deployment of AWS services like ECS, S3, RDS, and SQS using Terraform scripts for scalable backend infrastructure.
- Built and maintained CI/CD pipelines with GitHub Actions to streamline code integration and deployment processes.
- Optimized backend infrastructure performance and cost-efficiency by leveraging key AWS services.
- Collaborated with cross-functional teams to integrate infrastructure automation and enhance deployment workflows.
- Improved system reliability and operational efficiency through Infrastructure-as-Code (IaC) and task automation.

TAIDRONES INFO. SOLUTIONS - JAN 2020 – 2023

DEVOPS ENGINEER || SOFTWARE ENGINEER

As a member of onboarding team, my responsibility was to implement DevOps transformation by working with teams to migrate applications to cloud management platforms such as AWS and Azure. My Experience as a software engineer was used in reviewing scripts as well as fix bugs related to API's.

Contributions:

- Managed Docker orchestration and Docker containerization using Kubernetes.
- Designed and implemented a continuous build-test deployment system with multiple components with the assistance of Jenkins to support bi weekly releases on business needs
- Experienced cloud and Devops engineer in Automating, Configuring and deploying instances on AWS, AZURE cloud environments and Data Centers.
- Assisted with the Re- Architecting Web App on AWS Cloud [PAAS & SAAS]
- Monitored the creation of notifications for EC2 host using cloud watch
- Managing day to day software configuration management activities for multiple product lines, including source code control, Version control, branch management, and releases.
- Design of cloud architectures for customers looking to migrate or develop new PAAS, IAAS, OR hybrid solutions utilizing Microsoft Azure or Amazon web services (AWS)
- Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed a section of them using the Kubernetes platform. Pods were created and managed
- Setup repos on Azure Git, merging code from develop branch to master branch and make it ready for deployment.
- Migrated legacy applications to Microsoft Azure Cloud PaaS by setting up CI/CD pipelines on Azure-DevOps
- Created WebApps (PaaS solutions) on Azure portal for deploying web applications using Azure DevOps pipelines.
- Setup AKS clusters in Azure using Azure CLI.
- Created nightly builds with integration to code quality tools such as SonarQube, Veracode.

- Implemented Release management workflow for QA, UAT and Prod environments.
- Prepared and presented SCM best practices for implementing continuous integration for the team

LEXISNEXIS RISK JAN 2017 - JANUARY 2021

SOFTWARE ENGINEER/DATA SCIENTIST

- Assisted in the design, tuning and development of enterprise Azure data lakes and data stores to support pipeline data processing.
- Develop technical specifications, design diagrams and architecture.
- Designed and built large, complex Azure Synapse and ADF pipelines to meet business enterprise requirements.
- Soliciting requirements for and building Azure Synapse and Azure Databricks pipeline notebooks using Pyspark, SQL and Python.
- Creation and maintenance of SQL Pools, Cluster Pools in Azure Synapse to support enterprise pipeline processes.
- Researched and implementation of ETL scheduling and orchestration tools and processes.
- Developed and tested APIs to support proprietary web application development using Python and C#.
- Provided support on creating, managing and maintaining enterprise data, including the ability to incorporate policies and procedures for managing and sharing data through the data life cycle.
- Research and implementation of Spark Core processes to handle processing of on-premise ETL solutions
- Supported backend development through developing and testing .NET data access layers, APIs, and client-server connections.
- Wrote unit tests for API calls using Postman and develop clean, scalable code using .NET programming languages.
- Creation of SQL DML,DDL statements in Azure Synapse, Snowflake and SSMS to support data extraction, database enhancement and database maintenance.
- Worked with data architecture teams to develop enterprise data pipeline standards and best practices to ensure peak performance through data life cycle.

CONFERENCES ATTENDED

- **AWS re: Invent only:**
AWS Re: invent is Amazon's opportunity to update IT and business leaders on the latest features of its cloud service. November 28th 2022
- **Google Cloud Next '22**
Google Cloud Next is where the company announces the latest updates to the Google Cloud Platform. October 11th 2022
- **Gartner IT Symposium /Xpo 2023**
The Gartner IT Symposium/Xpo is a conference that brings CIOs and IT leaders together to explore technology, insights, and trends that are shaping the future of IT. October 16th – 19th 2023

EDUCATION / CERTICATIONS

OKLAHOMA CHRISTIAN UNIVERSITY
MASTERS IN COMPUTER SCIENCE- ONGOING

UNIVERSITY OF CAPE COAST
BSC ENVIRONMENTAL SCIENCES

AWS CERTIFIED CLOUD PRACTITIONER
MICROSOFT CERTIFIED: AZURE FUNDAMENTALS

REFERENCES

Reference 1

Reference name: Philip Adzanoupke
Title: CEO EPIGOS AI / SOFTWARE & AI ENGINEER | DATA SCIENTIST
Phone number: 233 268265848
Email address: epigos@gmail.com
Where you worked together: EPIGOS AI

Reference 2

Reference name: Kofi Gyan
Title: SOFTWARE ENGINEER
Phone number: 6177947569
Email address: kofigyan91@yahoo.com
Where you worked together: Lexix Nexis Solution

Reference 1

Reference name: Collins Eshun
Title: DATA ANALYST
Phone number: 312806072
Email address: Marfo.ec@gmail.com
Where you worked together: Taidrones info solution