

# ADEWUSI BOB A.

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## WORK EXPERIENCE

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### Utito Technologies

June 2021 – Present

#### DevOps Engineer

- Managed the automation/operations for the cloud architecture of the SAAS application having 100k+ customers using diverse AWS tools (EC2, SQS, SSM, ECS and others). Also considered disaster recovery in the overall architecture.
- Co-hired and mentored 5+ junior engineers many of which went up a rating band every half within the team competitive performance review environment (30-50%).
- I introduced Agile-SDLC to aid better production experience with CI/CD (via Jenkins), performance testing, infrastructure orchestrations, quick code delivery, automation/security and many others.
- Managed Azure Services (Azure batch, ADF, alerting etc.) for the Utito game project, including configuration and deployment of all required infrastructure, administrative tasks, and budgeting.

### Microsoft Intern4Afrika

Sep 2020 – March 2021

#### DevOps Engineer

- Orchestrated and maintained Azure cloud infrastructure taking into consideration IAC, governance, automated testing and app services.
- Powershell Utilization for Azure deployments
- Experience with infrastructure as code
- Grew vast knowledge of Azure IAAS,PAAS,SAAS technologies such as Cloud Services, API Management, Azure Resource Manager (ARM), Azure DevOps, CI/CD, Terraform, Git, Ansible, Agile methodologies and Azure Batch
- Full understanding of CI/CD principles
- Hands-on experience with Docker
- Basic exposure to Kubernetes.
- Knowledge of Web Services / Micro Services (REST)
- Experience in other technologies such Azure DevOps, Git, Selenium.

### Google Africa Developers

Jan 2018 – Dec 2020

#### DevOps Engineer

- Built RESTful APIs and worked with messaging queue in the process then implemented the fundamentals of system design and open-sourced some of our internal side projects while creating documentation for internal APIs and builds.
- Create the ultimate deep-dive tech guides that get our users through that last 20% of production work and across the finish line.
- Setup automation test procedures for CI/CD on Azure DevOps. Also, used terraform & packer for provisioning with custom modules.
- Managed and maintained Linux servers while functioned as an on-call engineer for the existing infrastructure.
- Setup boundary dev, stage and prod environment with Terraform on AWS; used it to manage security and auth access.
- Functioned as the on-call sysadmin by performing patches, backups, firewalls, CDN setups and servers orchestration with all security consciousness. Also, provided technical support to file servers running NFS, XFS amongst others while optimizing real-time performance for available systems.
- Leveraged Ansible to easily access servers for any required operations remotely.

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## OPEN-SOURCE PROJECTS

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- [Run Python scripts through Azure Data Factory using Azure Batch](#) : This repo shows how a python script (a sample) can be ran via an Azure Data factory pipeline to be ran using Azure batch which deallocates immediately after use therefore being super cost effective and fast compare to running it on a VM.
- [Install Jenkins on an EC2 Instance](#): This is a guide I documented while I was creating a CI/CD pipeline using Jenkins to deploy a Java app on a Tomcat Server


- [Building a Simple Flask WebAPP using Dockerfile](#): This is a documented guide on how to use dockerfile in building images and deploying webApps

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## LICENSE AND CERTIFICATONS

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 **Microsoft Certified: Azure Fundamentals** - Microsoft

 **AWS Certified Cloud Practitioner** - Amazon Web Services (AWS)

 **Networking Academy Learn-A-Thon 2021** - Cisco

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## EDUCATION

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- **Udacity** (04/2021-06/2021)  
*Nanodegree, Cloud DevOps With Microsoft Azure*
- **University of Ilorin (2014-2019)**  
*Bachelor of Engineering, Mechanical Engineering*