

Omotoso Afolabi Adeniyi

DevOps/ Cloud Architect

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Work experience

DevOps Engineer

January 2021 - Present

Arca Payments Limited

- Assist with support and development of infrastructure and security tools.
- Build and manage automated testing and validation for both software and system configuration.
- Build and manage automation pipelines for operational workflows.
- Build and manage automation inside configuration management tools.
- Assist with delivering highly secure and efficient solutions within comprehensive compliance regulations (including ISO27100, HIPAA, PCI DSS, etc.)
- Assist in integrating diverse technologies in multiple environments to provide monitoring, alerting, and reporting of performance and costs.
- Manage work in an agile operations framework, balancing sprint-based work with daily operational needs.
- Assist in troubleshooting and resolving system outages or performance impact, and communicate findings for ongoing improvement
- Work directly with the development team to test system integrity
- Using build automation and continuous integration/delivery ecosystem: Git, Groovy, Maven/Gradle, Docker, Nexus, Artifactory, Selenium, Jenkins, Docker, OpenShift.
- Test implemented designs
- Consult with peers for feedback during testing stages
- Handle code deployments in all environments
- Monitor metrics and develop ways to improve
- Provide technical guidance and educate team members and co-workers on development and operations
- Brainstorm for new ideas and ways to improvement development delivery
- Build, maintain, and monitor configuration standards
- Maintain day-to-day management and administration of projects
- Document and design various processes; update existing processes
- Improve infrastructure development and application development
- Follow all best practices and procedures as established by company

DevOps Engineer (Remote)

July 2020 - December 2020

Jones Lang LaSalle (JLL)

- Developing the framework components for JLL's cloud environment
- Developing infrastructure that is scalable, reliable, and monitored for JLL microservices
- Building a relationship with Cloud providers, in order to take advantage of their most appropriate technology offerings
- Collaborating with the application team leads to ensure that the application teams' needs are met through the CI/CD framework, component monitoring and stats, incident escalation
- Inculcating "infrastructure as code" mentality in the Platform \ team overall
- Working with the application teams to prioritize new requests for functionality. Specifically, new user-facing functionality (e.g. the ability to ingest IoT data, subscription-based consumption, etc.)
- Addressing internal functionality (e.g. monitoring and alerting based on application performance, automated testing frameworks, etc.)
- Manage pipeline releases using Octopus Deploy
- Managing respective support queues (e.g. Ingest, Prepare, Storage and Consume, etc.)
- Manage backlog via effective sprint planning based on feedback from the application teams
- Participating in monthly architecture review board
- Migration of OSS Jenkins (Open Source Jenkins) to CloudBees Jenkins
- Worked on Setting up monitoring with performance metrics, OMS.

Skills

Technical Skills



Hands-on experience in Infrastructure automation, networking security, databases and cloud systems

Experienced in various SDLC project phases: Requirement/System gathering, Requirement/System Analysis, Functional Specification, Business Logic's, Design, Layered Architecture, Test plans, Coding, Code review, Testing, Performance tuning, Documentation, Implementation and Maintenance.

Experience in VSTS, Build Definitions, and Release Management

Profound knowledge in various scripting languages, system & server administration and mass system deployments

Wide knowledge in operating system administration, programming languages, cloud platform deployment and networking protocols

Cloud Services: Microsoft Azure, AWS, GCP, IBM Cloud

DevOps Tools: Docker, Kubernetes, Microservices, Chef/Puppet, Ansible, Terraform, ARM, YAML, Git

Windows Server: Server 2012, Server 2016, Server 2019

Linux/Unix: CentOS, Ubuntu

Database: Postgres, Microsoft SQL, ADF, Databricks, Snowflake

Programming: Python 3, C#/.NET, PHP, CSS, JavaScript, HTML, PowerShell, Linux Shell Scripting, Bash

Web Servers: IIS, Apache, Nginx

Excellent troubleshooting skills

Management Skills

Team Player

Excellent Written, Oral and Presentation Skills

Excellent Time Management

Excellent User Management

Effective business Management

- Using ElasticSearch for Logging, Monitoring and Alerting
- Worked closely with the software engineering and product management teams to design, deliver and manage our services with high uptime.

Excellent Presentation skills

Strong relationship management

Good knowledge of Microsoft Office

Azure DevOps Engineer (Remote)

April 2020 - June 2020

[Strive Consulting LLC](#)

- Implementation of Unified Data Platform leveraging on Azure Data Factory for data Orchestration, Azure blob storage for ingestion and Snowflakes for Data storage.
- Planning and implementation of data and storage management solutions in Azure (SQL Azure, Azure files, Queue storage, Blob storage)
- Created frameworks and automation in the development process to maximize build efficiency and secure solid code.
- Performed code reviews, evaluate implementations, and provide feedback for tool improvements.
- Developed automation framework for public cloud infrastructure deployments
- Worked with others to perform security review of hosting environments.
- Created tools to automate repetitive tasks.
- Monitored and tracked deployments and pipeline failures using Azure Monitoring and application Insights
- Log all the pipeline failures on Log Analytics workspace.
- Created a reusable Infrastructure as a Code template for future use

Software Developer/ Support

November 2019 - November 2020

[Tavia Technologies](#)

- Analyzed current technology utilized within the company and develop steps and processes to improve and expand upon them
- Plan, develop, implement and maintain the overall company's software security strategy
- Code review, debug issues in order to improve software security.
- Code build using Jenkins
- Provide world-class customer experience with every interaction
- Provide clear goals for all areas of a project and develop steps to oversee their timely execution
- Ensure accurate and timely resolution of all assigned issues
- Knowledge sharing with teammates and guide them in the resolution of complex technical problems
- Collaborate with team members to enhance the customer experience
- Stay up to date with technological changes in the industry with internal and external training

Technical Lead

March 2019 - October 2019

[Tek-Experts Ltd.](#)

- Provide support for the management of cloud infrastructure, Security Architect, server security, codes security, Nodejs, mobile app, website server hardening, server optimization, server cost optimization, DevOps management.
- Facilitate the timely resolution of customer issues and case escalations in critical situations.
- Deliver solution in high and complex environments
- Act as the Point of call for Critical issues
- Conduct weekly review with teams

Cloud Support Engineer

April 2018 - March 2019

[Tek-Experts Ltd.](#)

- Support the configuration of server images, optimized the task performance in correspondence with the engineers
- Delivering Of Azure Identity Service and support to our global customers with high customer satisfaction.
- Enhanced improvements in user account provisioning/de-provisioning process workflow
- Provides technical support and solutions on the integration of application systems
- Strong understanding and background of working with a complex Active Directory

infrastructure and the requirement of strictly following standards, procedures, and processes

- Advanced detailed knowledge of DNS, Kerberos and Windows Authentication, to include authentication with other technologies for Single Sign-On
- Proven experience and support in AD management including architecting Group policy, ADFS, integration of multiple AD domains, AD-integrated DNS, AD operational level upgrades, AD migrations, AD object automation with scripting
- Fundamental understanding and support for authentication mechanisms such as Kerberos, LDAP and NTLM and use of necessary tools to troubleshoot them on the customer's environment.
- Support delivery, working with customers to resolve, complex technical customer issues on the Office 365/Microsoft Azure Platform
- Focus on determining technical support scenarios, supportability asks, support workflow adjustments for Azure Identity components
- Experience in supporting customers in migrating on-premises objects to the cloud using AAD Connect and write back the password to the on Premises using the password write-back features
- Develop PowerShell scripts and ARM templates to automate the provisioning and deployment process
- Support of AAD Connect to identify and remediate conflict between various Directories
- Implement a reverse Repro and use the same solution approach in resolving customers' issues.
- Finding an acceptable workaround in finding and solutions to customer issues that are by design limitations

IT System Administrator

September 2014 - March 2018

Vixa Group Ltd.

- Provides high-quality, detailed technical support and troubleshooting with an emphasis on customer satisfaction.
- Assists employees with utilizing application software and creating and/or modifying various queries to meet business process needs
- Design, maintain and support of the company's data network, servers, and security systems
- Create new user's account profiles on Active Directory, managing user's password issues and assigns access rights to software applications
- Management of users in Microsoft Exchange, Skype for business and Microsoft Teams
- Management of the Company's intranet on SharePoint
- Installation of client/server applications and essential software patches, carrying out any required maintenance of applications and identify compatibility issues
- Design and managed the company online structure, created and manage the company website and the online shop.
- Backup and Disaster recovery of the company data
- Managed and performed the installations, upgrades, migrations, backup, software distribution, virus protection, patch management and routine maintenance of workstations and servers.
- Provides instructions to new and existing employees on features, capabilities, and policies of systems used (both computer and telephone-based)
- Engage and manage strong business relationships with clients and vendors to ensure high levels of service and business operations.

IT Support Officer

May 2012 - August 2014

Wema Bank PLC.

- Assists in the overall operation of the information technology function of the company.
- Installs and configures computers, phones, printers, and computer and telephone peripherals.
- Performs routine maintenance and repairs on desktop computers and computer and telephone peripherals.
- Recommends and implements solutions to ensure minimum delay and effective operation for system users.
- Provides high-quality, detailed technical support and troubleshooting with an emphasis on customer satisfaction.
- Assists employees with utilizing application software and creating and/or modifying various queries to meet business process needs.
- Explain complex information and procedures to employees and officials lacking

technical knowledge.

- Provided 1st level support for incidents relating to desktop client applications (Office 365, Sophos antivirus, Palo Alto Networks Firewalls, Cisco IOS, Mitel PBX, VMware V6 and Veeam, windows and Linux).

Education

HND

2002 - 2008

Osun State Polytechnic

Computer Engineering

Professional Membership

Member, British Computer Society (AMBCS)

Member, Institute of Electrical and Electronics Engineers (IEEE)

Certifications

- AWS Cloud Practitioner
- Microsoft Certified Trainer
- Microsoft Azure Cloud Solution Architect
- Microsoft Certified: Azure Administrator Associate
- Certified Network Security Specialist -ICSI (International Cybersecurity Institute), UK
- DevOps V2 by IBM
- Google Digital Skills for Africa
- Fortinet Network Security Expert
- Docker Essentials: A Developer Introduction by IBM
- IBM Cloud Kubernetes Service
- Windows Server 2016: Install and Configure Active Directory
- Microsoft Cybersecurity Stack: Identity and Endpoint Protection Basics
- Microsoft Cloud Services: Exchange Online and Security
- Cert Prep: AWS Certified Solutions Architect - Associate
- Microsoft Cloud Services: Administering Office 365 and Intune

Reference

Available on request