ADE ADEKOYA

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SUMMARY

Result-driven IT professional with extensive experience in the engineering, administration and support of information systems. In-depth expertise in the design, implementation, analysis, optimization, troubleshooting and documentation of IT server and network infrastructure, Linux and windows administration, Cloud native development, IT infrastructure setup and management. Strong "hands on" technical knowledge of network, systems infrastructure architecture designs and implementation with the ability to adopt new IT technology and systems as required.

SKILLS AND PROFICIENCY

- Expertise in IP, routing, switching, network and system administration, server hardware and virtualization.
- Knowledge of multi cloud vendor architecture and administration (Google Cloud, Azure and AWS)
- Administering and automating deployments to compute, database, load balancers, serverless instances, IAM, queuing and caching, containers, encryption, storage for highly available applications and infrastructure for local and cloud deployments on (Google, AWS and Azure).
- Knowledge of data visualization for applications and infrastructure using monitoring, alerting and logging tools (ELK, Splunk) on premise and cloud tools as CloudWatch, google stack driver and Azure log analytics.
- Knowledge of Agile, Scrum and ITIL practises improving on application deployment, high availability and disaster recovery for enterprises.
- Knowledge of scripting with bash and python when needed, infrastructure as Code implementation with terraform, configuration management with puppet, ansible, quick development environment with vagrant, devOps practises using CI/CD tools as azure-DevOps, Jenkins, GitLab, version control with GitHub.
- Knowledge of and practical experience in containerization of applications, integration and deployment on docker, Kubernetes, OpenShift, VMware Tanzu, Rancher with integration of application service mesh, istio.
- Strong ability to learn and pick new tools and ideas required for ensuring business continuity and innovation.

PROFESSIONAL EXPERIENCE

Customer Reliability Engineer - Consultant

Tetrate.io, San Francisco, California   *April 2021 - Present*
- Guiding customers into the adopting service mesh for their application modernization implementation
- Product deployment, upgrade or onboarding of applications leveraging on Cloud native deployments (microservices/containerized apps).
- Working together with customers in setting them up for success with their microservices implementation.
- Leveraging on deep understanding of complex distributed system platforms/cloud technologies and ability to simply articulate it to customers and SREs within a customer organization.
- Engaging with engineers within the customer organization, identifying and training a few people within the organization to be able to maintain and run Istio and our product at scale within the organization.
- Collaborating with sales engineers and solution architects to have a successful rollout of the product on customer premise.
- Contributing to building a secure, robust, and highly available service mesh platform for mission critical enterprise applications spanning both legacy and modern infrastructure, and on-prem and cloud.

DevOps Engineer | Design Specialist II

Telus Communications, Edmonton Alberta   *September 2019 - April 2021*
- Implemented cloud native solutions leveraging on DevOps principles and containerization with services across GCP/GKE and Azure.
- Designed and implemented highly available solutions improving on business continuity requirements.
- Translated business solutions to technical designs for current and future projects.
- Implemented automation tools and frameworks with DevOps tools reducing release windows by 20%

- Optimized the content delivery system architecture, implementing data tools, monitoring and alerts.
- Collaborated with team members to improve the company's engineering tools, systems, procedures, and data security, leveraging automation as required and migration of service where necessary.
- Deployed upgrades, patches and fixes to backend infrastructure, virtualization and container environment.

Senior Systems Administrator

Calgary Parking Authority, Calgary Alberta   *July 2018 – August 2019*

- Redesigned the enterprise IT infrastructure, removing outdated and high security risk devices improving infrastructure uptime by 10%.
- Defined and implemented security policies for all IT infrastructure devices, integrating Ansible to facilitate infrastructure automation and deployment for meeting PCI DSS requirements.
- Implemented containerized solutions with docker, docker swarm on rancher and provided POC on kubernetes.
- Provided architectural designs and worked with the team to implement local and cloud SAS integration for Office 365, AWS and Azure infrastructure.
- Served as SME (subject matter expert) for network infrastructure projects, successfully integrating 5 new parking solution sites and improving over 50 lots servicing an average of 100 customers per hour.

IT Special Projects Support

ECOPEST Inc, Edmonton Alberta   *March 2018 – July 2018*

- Project managed the integration of PESTPAC, an enterprise Cloud based End-to-End business management platform to improve business process, accounting and business analysis reports, workflow and employee productivity.
- Performed requirements gathering, integration risk assessments and RFC (request for change) procedures for integration of PESTPAC to reduce data inconsistency errors and business impacting outages.
- Implemented procedures, new workflows, business process and knowledge management for the intended change implementation.
- Provided training to staff and managed the schedule for the integration of PESTPAC to close the knowledge gap.

Desktop Support (Contract)

Enbridge Inc, Edmonton Alberta   *March 2018 – April 2018*

- Worked under Eagles Professional services to assist during Enbridge moves and end user device relocation.
- Participated in the relocation and reconnection of migrated end-user devices such as desktop PCs, VOIP phones, docking stations and other accessories.
- Performed proper management to avoid interference with user movement and activities and reduce harm to users.

IT Infrastructure Manager

Web4Africa LTD (VIDOLU PTY), Johannesburg, South Africa   *September 2016 – December 2017*

- Provided IT infrastructure management and IT projects full lifecycle management.
- Designed and managed data center interconnect routing and integrations across four data centers.
- Adopted and integrated IPv6 across the enterprise.
- Improved support activities with proactive IT service management and cost-effective infrastructure management solutions in turn contributing to about 5% return on investment (ROI).
- Deployed IT inventory management system and automated Data Center deployment tasks with EASY DCIM, IPMI and automation tools.
- Integrated security solutions reducing risk to critical business products and web servers with improved data security policies for clients and services.
- Provided technical POC on XAAS services providing benchmark tests on OpenStack, Containerization with Docker, Docker Swarm, Kubernetes for private and public cloud-based systems.
- Implemented additional company products for IAAS services contribution to extra ROI.

IT Infrastructure Specialist

KONGA Online Shopping Limited

Lagos, Nigeria and Cape Town, South Africa   *January 2015 – August 2016*

- Provided infrastructure design, installation, virtualization and management for over 200 devices across 4 locations.
- Developed in-house open source tools for network and infrastructure management, improving incident and problem management, for service desk team delivering an overall reduction in departmental budgets on infrastructure monitoring tool solutions by 30%.
- Designed and implemented change management procedures, service catalog and knowledge management for enterprise wide infrastructure using Atlassian Jira service desk platform a service management system.
- Project managed the integration of contact center solution with AVAYA infrastructure, campus area network setup for new warehouse.
- Implemented site to site, site to cloud VPN and network security solutions for local and AWS cloud infrastructure.
- IAAS infrastructure management across local (VMware and Hyper-V), AWS and other public IAAS services
- Provided access management via Active Directory for company network, server and wireless resources.

Network Infrastructure Engineer

Swift Networks Limited, Lagos Nigeria   *March 2012 – December 2014*

- Provided network integration projects, change management, incident, problem management and Internet access provision to enterprise clients meeting both timeline and budget targets.
- Technical lead creating liaison between the company and vendors.
- Configured deployment in the enterprise wide LTE, MPLS and VPLS deployment.
- Effectively ensured uptime of over 200 company cell sites and provided quick resolution to service downtime improving the company's 99.9% uptime record using OTRS (Open Source Ticket Request System) to assign, communicate and escalate incidents, problems and resolutions at prompt and required times.
- Data Center expansion project including the planning, design, and implementation, working with HUAWEI ATN, CX600 series devices, Cisco ASR 1000 series router, Cisco ASA firewall and nexus switches and HP rack servers.
- Deployed and upgraded server operating systems from windows server 2008 R2 to 2012 R2, Linux OS (Rhel and Debian based) and virtualization with VMWARE 5.5

Technical Sales Engineer/Business Analyst

Swift Networks Limited, Lagos Nigeria   *May 2011 – February 2012*

- Provided backend technical support for field sales personnel, running technical, sales and competitive product analysis which improved revenue assessments carried out by management.
- Conducted analysis for SLA development for products and services which helped in creating new products and improved old existing products for improved customer service experience.
- Ensured increased ROI by providing marketing trends, customer usage trends and competitive analysis.

Network Administrator

CAPROK Innovations Limited, Lagos Nigeria   *October 2010 – January 2011*

Interweb SATCOM Limited, Lagos Nigeria   *May 2009 – October 2009*

- Ensured optimal operations of the office IT infrastructure, setup of network equipment and desktop servers.
- Implemented Windows Server infrastructure and Active directory services for the enterprise
- Assisted in providing resolution to equipment failure, repairs and maintenance of all network and desktop devices.
- Installed hardware and software and provided suggestions for improving the infrastructure performance.

EDUCATION AND TRAINING

Certified Kubernetes Administrator, 2020
Certified Kubernetes Application Developer, 2020
Microsoft Certified DevOps Engineer, 2020
Google Cloud Solutions Architect, 2020
Azure Administrator Associate, 2020.

Azure Solutions Architect Expert, 2019.
Architecting with Google Compute Engine Specialization, Coursera 2019.
VMware Certified Professional - Data Center Virtualization - 2019
VMware Certified Professional - Network Virtualization – 2019
CompTIA Linux+ - 2019
Cisco Certified Design Associate [CCDP] - 2019
Cisco Certified Design Associate [CCDA] – 2019
AWS Certified Solutions Architect – Associate 2019
AWS Certified Developer – Associate 2019
VMware vSphere 6.5 - Foundation - 2019
Cisco Certified Network Administrator Security, 2018
Information Technology Infrastructure Library [ITILv3] Foundation Certificate, 2014.
Cisco Certified Network Professional [CCNP] Certificate, 2013.
LTE eRAN3.0 Operations and Maintenance Training, 2013.
Mobile Backhaul Operation and Maintenance Training, 2013.
Cisco Certified Associate [CCNA], 2011.
Bachelor of Electrical and Electronics Engineering, Federal University of Technology, Akure Nigeria 2005 – 2010.