PASCAL ATTAMA
Cloud Engineer

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SUMMARY.

I am a results-driven Cloud Engineer with a strong background in cloud architecture, automation, and networking. I have years of expertise in AWS services, Infrastructure as Code (IaC), and cloud security, with a track record of optimizing cloud infrastructure, reducing operational costs, and improving system scalability. With a proficiency in leveraging Terraform, Ansible, and Python to automate cloud deployments and enhance efficiency, I am passionate about bridging the gaps between business and technology by building resilient cloud solutions and mentoring teams to drive cloud adoption and innovation.

WORK EXPERIENCE

Cloud DevOps Engineer | Trakatel Limited   **Hybrid | Jan 2022 – Present**

- Designs and deploys scalable AWS infrastructure using VPCs, EC2, S3, IAM, RDS, and Load Balancers, ensuring high availability and led network infrastructure migration to AWS for hybrid cloud connectivity, improving agility and reducing operational costs.
- Optimizes AWS cost management by leveraging AWS Cost Explorer, AWS Budgets, and CloudWatch, proactively identify significant saving opportunities, reducing cloud expenses by 30%.
- Streamlines and automate infrastructure deployment using Terraform and Ansible, reducing manual errors and provisioning time and increased efficiency by 20%.
- Manages containerized network env and apps with Docker, Amazon ECS, Kubernetes (EKS) and VMware infra using the SDN arch model improving resource utilization and scalability.
- Enhanced cloud security by implementing IAM roles, Security Groups, VPC Flow Logs, AWS GuardDuty, and implement network best practices and security protocols for robust operations.
- Enhances network monitoring for faster incident response using CloudWatch, SNS, Nagios, Nmap, and Wireshark, and increased network efficiency through regular audits and optimization.
- Led training sessions and mentorship programs to educate junior engineers on cloud best practices, fostering their professional development while documenting knowledge for training and sharing.

Technical Support Engineer | Unitech Global Resources   **Hybrid | Feb 2020 – Jan 2022**

- Reduced MTTR metric with Tier-2 support and provided clear, concise technical support to cross-functional teams via email, CRM tools and phone, resolving one-third of issues on first contact.
- Automated ticket creation and updates with cross-functional teams via Zendesk CRM to improve internal system integration and reduced customer churn by implementing automated workflows.
- Optimized Auto-Scaling configurations for customer deployments, ensuring dynamic resource allocation and reducing downtime due to CPU/memory exhaustion.
- Worked with development teams to resolve serverless architecture issues, optimizing compute resources and application response times.
- Configured and maintained container-based PAAS environments, reducing system failures by 20% through preventive maintenance.
- Created and deployed CronJob automation scripts to handle routine maintenance requests such as log analysis, backups, and resource scaling
- Created detailed troubleshooting documentation and internal Knowledge Base using MkDocs and Confluence, improving knowledge-sharing and reducing support time and escalations for future users.

Network Engineer | Cambridge Broadband Networks   **On-site | Aug 2016 – Jan 2020**

- Implemented scalable L1, L2 and L3 network infrastructures with Cisco, MikroTik and Huawei routers, switches and other network devices using the TCP/IP model, BGP and OSPF routing protocols.
- Implemented a centralized wireless LAN solution, improving network coverage and user experience.
- Configured VLANs, VXLANs, STP/RSTP, and implemented network best practices and security policies for secure network segmentation for robust operations.
- Reduced network resolution time by 20% with Tier-2 support, led enterprise network service deployments for MTN, and delivered successful network expansions and upgrades on schedule.
- Achieved a 95% first-call resolution for user network issues.
- Conducted a thorough pre-implementation analysis and TSS Network Survey with Pathloss, Lucid chart and GNS3 for accurate planning.

EDUCATION

Nov 2011 – July 2015   Bachelor's Degree in Physics and Astronomy   University of Nigeria, Enugu, Nigeria

RELEVANT SKILLS

- Technical Skills:
  - **Cloud Platforms:** AWS (EC2, S3, VPC, RDS, IAM, CloudWatch, Cost Explorer, Lambda, SNS)
  - **Infrastructure as Code (IaC):** Terraform, CloudFormation, Ansible
  - **Containerization & Orchestration:** Docker, Kubernetes (EKS), Amazon ECS
  - **CI/CD & Automation:** Jenkins, GitHub Actions, Git, AWS CodePipeline, Bash, Python, YAML
  - **Networking:** TCP/IP, VPNs, SSH, Putty, Subnets, Load Balancers, NAT Gateways, VPC Peering, Route 53, BGP, OSPF, SDN, SD-WAN, Routing & Switching
    Monitoring & Security: AWS CloudWatch, GuardDuty, Prometheus, Nagios, IAM, Security Groups, Firewalls, NACLs, VPNs, Nmap, Wireshark
  - **Operating Systems:** Linux (Ubuntu, CentOS, Amazon Linux), Windows Server, Virtual machine
  - **Documentation and Collaboration:** MkDocs, Confluence, Notion, Git, Zendesk, Jira, Teams
  - Hardware and software implementation and technical troubleshooting.
  - Strong background in mathematics and engineering.
- Interpersonal Skills:
  - Effective collaboration in Agile/Scrum environments.
  - Strong analytical and problem-solving abilities.
  - Excellent communication and documentation skills.
  - Persuasive skills, both written and verbal.
  - Ability to mentor and train junior engineers.

PROFESSIONAL CERTIFICATIONS

- **Linux Foundation Certified System Administrator (LFCS)** cert in view.
- Certified **Huawei Routing and Switching Associate (HCIA),** issued by **Huawei.**
- Certified in the **McKinsey Academy Forward and Advanced Program** Methodology.
- Certified **Remote Work Professional (RWPC),** issued by **CertiProf.**
- **LFS261: DevOps and SRE Fundamentals badge** issued by **The Linux Foundation.**
- **LFC108: Cybersecurity Essentials** badge issued by **The Linux Foundation.**
- **Network Support and Security + Endpoint security** badges issued by **Cisco.**
- **Introduction to Cybersecurity** badge issued by **Cisco.**
- **Python Essentials 1 and 2** badges issued by **Cisco.**