FOKOUE THOMAS

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PROFESSIONAL SUMMARY

Am a certified solutions architect-associate with four years' experience in building resilient, high-performing, secure, and cost-optimized infrastructures in the cloud. With years of experience working as a Cloud/DevOps Engineer, I have honed my skills in designing and implementing cloud solutions that meet business needs and exceed expectations.

SKILLS

- Experience in configuring and managing core Amazon Web Services - Identity and Access Management (IAM), Simple Notification Service (SNS), Elastic Cloud Compute (EC2), Simple Storage Service (S3), Elastic Load Balancing (ELB), Virtual Private Cloud (VPC), Route53, CloudTrail, CloudWatch, Lambda, EventBridge, Autoscaling.
- Experience with version control systems - Git, GitHub.
- Experience with server configuration - Amazon Linux, Ubuntu, Windows Server 2010 or higher
- Experience with Infrastructure as a Code tools – CloudFormation, Ansible.
- Experience with containerization technology – Docker
- Experience with DevOps tools to include Docker, Ansible, Jenkins, Kubernetes, GitHub, Git, CloudFormation, AWS CodeCommit, AWS CodeBuild and AWS CodePipeline
- Strong Linux skills
- Strong networking concepts
- Ability to learn fast.
- Excellent communication skills in two languages (English and French), both written and verbal
- Proven analytical, process improvement and team building, planning and management skills.

RELEVANT WORK EXPERIENCE AND ENGINEERING PROJECTS

CloudSpace Consulting, LLC Manassas, VA

Cloud Engineer   **February 2019 – Present**

- Designed and deployed cost-efficient, fault-tolerant, and scalable distributed systems on AWS.
- Designed, built, deployed and maintained Infrastructure on AWS using Infrastructure as Code Tools.
- Ensure validation of continuous development and deployment environments (DevOps).
- Propose technical solutions in collaboration with software architecture teams.
- Implemented application and infrastructure monitoring and responsiveness using AWS CloudWatch and SNS.
- Created Ansible Playbook and CloudFormation to configure and deploy to various AWS environment.
- Collaborated with DevOps and production team to ensure smooth running of the CI/CD pipelines.
- Develop scripts to manage automated deployments (DevOps) as well as virtual infrastructures (IAC – infrastructure as code)

CAMTEL, Douala, Cameroun

Computer Engineer   **July 2018 - January 2019**

- Performs the installation and maintenance of various equipment according to usual procedures (computers, telephone systems, screens, printers, switches, routers, modems, firewalls, connectivity Internet, virtual private networks (VPN).
- User assistance: management of requests and incidents, troubleshooting on site or at distance.
- Deploy a Windows VM and launch a serverless web application on AWS.
- Launch a static website on Amazon S3 and add a CI/CD pipeline to an Amazon S3 bucket.
- Use CloudFormation to launch an Amazon EC2 web server.
- Mounted, Crimped and Tested an RJ45 connector on a CAT5/CAT6 networking cable.

INDUSTRY SERVICES, Douala, Cameroun

Computer Technician   **December 2017 - June 2018**

- Upkeep and maintenance of IT and software equipment.
- Setting up a server room, patching, cabling and network connectivity testing.
- On-site and remote user support and assistance.
- Welcoming visitors and customers in a professional and courteous manner.
- Ensures the security of computer networks and the integrity.

EDUCATION

PYTHON ON AWS, LLC Manassas, VA

CloudSpace Academy   **Mars 2019 - October 2020**

- Design of a Boto3 application that creates and deletes the S3 bucket.
- Created an application that deletes only stopped EC2 instances and creates a snapshot.
- Implemented a python application that runs on Lambda function and added a CI/CD pipeline.
- Created a Boto3 application and configured a scheduler to run at a specific time.

BACHELOR'S DEGREE IN SOFTWARE ENGINEERING, Douala, Cameroun

Access Higher Institution of Professional Training   **September 2021 – August 2022**

ARCHITECT CLOUD, LLC Manassas, VA

CloudSpace Academy   **May 2018 - January 2019**

- Design and deployment of cost-effective, fault-tolerant, and scalable distributed systems on AWS.
- Design, build, deploy and maintain infrastructure on AWS using Infrastructure as CodeTools.
- Implementing application and infrastructure monitoring and responsiveness using AWS CloudWatch and SNS.
- Created Ansible Playbook and CloudFormation for configuration and deployment in various AWS environments.
- Collaboration with DevOps and the production team to ensure the proper functioning of CI/CD pipelines.

AWS CERTIFIED SOLUTIONS ARCHITECT-ASSOCIATE   11/15/23

AWS CERTIFIED DEVELOPER ASSOCIATION -   In Progress