

# FOKOUÉ THOMAS

📍 Quebec, Canada

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## PROFESSIONAL SUMMARY

I am a certified solutions architect-associate with three 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 with DevOps tools to include Docker, Ansible, Jenkins, Kubernetes, GitHub, Git, CloudFormation, AWS CodeCommit, AWS CodeBuild and AWS CodePipeline
- 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
- 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

July 2022 – Present

- Deployed containerized applications on Kubernetes using kubectl, Helm, and Docker, improving scalability and availability.
- Integrated monitoring tools (e.g. Prometheus and Grafana) into Kubernetes for real-time insights.
- Automated infrastructure provisioning on AWS using Terraform, including VPCs, EC2, IAM, and RDS.
- Implemented Terraform remote state management using AWS S3 and DynamoDB for team collaboration and state locking.
- Designed and deployed cost-efficient, fault-tolerant, and scalable distributed systems on AWS.
- Collaborated with version control tools like Git to track source code changes, facilitate collaboration with other contributors, and maintain a history of deployments.
- Containerized Python applications and optimized Dockerfiles for faster build and deployment performance.
- Designed, built, deployed and maintained Infrastructure on AWS using Infrastructure as Code Tools.
- Ensure validation of continuous development and deployment environments (DevOps).
- A CI/CD Pipeline for Jenkins Integration with Maven and GitHub to build a job on a Tomcat server
- 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)
- Deployed a three-tier application on Kubernetes, using a container-based architecture to ensure modularity and scalability.

**CAMTEL, Douala, Cameroun**

Computer Engineer

**July 2021 - September 2021**

- 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.

**EDUCATION****BACHELOR'S DEGREE IN SOFTWARE ENGINEERING, Douala, Cameroun**

Access Higher Institution of Professional Training

**September 2021 – August 2022****PYTHON ON AWS, LLC Manassas, VA**

CloudSpace Academy

**Mars 2020 - Mai 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.

**ARCHITECT CLOUD, LLC Manassas, VA**

CloudSpace Academy

**October 2018 – September 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**