**Adama Bagayoko**Baltimore, MD, 21228 | Phone: 443-813-5376 | Email: [adamsbag84@gmail.com](mailto:adamsbag84@gmail.com)

LinkedIn: <https://www.linkedin.com/in/adama-bagayoko-devops/>

**OBJECTIVE**

Detail-oriented and performance-driven Devops Engineer with a proven track of success in finishing all assignments on time. Experienced in planning, coding, building, maintaining and monitoring cloud infrastructure. I possess an excellent analytical skills and well-developed time management abilities.

**SKILLS**

* Ability to break down highly complex technical topics into language and diagrams understandable to a wide audience in French and English.
* Experience creating and managing AWS services such as VPC, IAM, EC2, Route53, S3, Load Balancers, RDS, Autoscaling, CloudWatch, LightSail and more…
* Strong knowledge of AWS well architecture Framework and best practices.
* Experience in Building dockerized web application
* Experience working with ECS, ECR, Docker Hub and EKS.
* Experience with version control systems - GitLab, GitHub, and AWS CodeCommit.
* Experience with server configuration - Amazon Linux, Windows Server 2016
* Experience with Infrastructure as a Code tools: Terraform and CloudFormation (Online Tutorial).
* Experience with containerization technology – Docker
* Experience with DevOps tools - AWS CodeBuild, AWS CodeDeploy, and AWS CodePipeline (Online Tutorial).
* Familiar with DevOps tools - CI/CD pipeline
* Experience in system design, customizing, managing, and scaling monitoring, metrics collection and graphing systems.
* Building API using FastAPI and Flask (Python) and deploy them on Docker containers on AWS Linux instances (Online Tutorial).
* Design at a high level highly available, robust, scalable and cost effective systems on AWS
* Good Linux, PowerShell and Bash scripting skills and networking concepts,
* Experience with migration tools to AWS DMS
* Ability to learn in a fast-paced environment.
* Excellent communicator both verbal and written.
* A skilled team builder, a Planer, and a manager

**EXPERIENCE:**

**Madina Conception (Mali): *January 2020 – present***

**DevOps Engineer**

* Provision modularized AWS resources using Terraform.
* Leverage containerization of legacy web applications using Docker.
* Orchestrate Clustered containers with Kubernetes.
* Migrate Database from RDS to S3 using AWS Database Migration Service (DMS).
* Built, deployed, and maintained various Infrastructure on AWS
* Design highly available systems using auto scaling, load balancing and route 53
* Develop bash scripts to automate regular tasks.
* Daily interaction with client and troubleshooting networking and configuration issues.
* Orient and guide users on how to operate new software and computer equipment.
* Performed applications installation, upgrades/patches, maintenance, and configuration changes using system manager and SSH

**General Tech (Ivory Coast): *June 2013 – April 2016***

**System Administrator**

* Managing users using active Directory.
* Maintaining and administering computer networks and related computing environments including systems software, applications software, hardware, and configurations.
* Troubleshooting, diagnosing, and resolving hardware, software, and other network and system problems.
* Replacing faulty network hardware components when required.
* Designing, configuring, testing, and updating networking software, computer hardware, and operating system software.

**EDUCATION:**

* **Bachelor of Science |** Computer Networks & Cybersecurity |University of Maryland Global Campus (2022)
* **Associate of Art |** Cyber Security & Assurance | Baltimore City Community College (2020)
* **Bachelor of Science** | Computer Programming (2009)

**CERTIFICATIONS:**

* **COMPTIA Security+ |** Self Study
* **AWS Certified Solution Architect Associate** | ASM Educational Center (ASM)
* **AWS Certified Developer Associate |** In progress.