

Adama Bagayoko

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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 Planner, 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.