

CURRICULUM VITAE

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AWS Certified Solution Architect
DEVOPS Engineer

Curious, Motivated, Ambitious, Willing, Autonomous
Looking for opportunities as DevOps, Cloud Administrator / Solution Architect / Technical Support Engineer

COMPETENCIES

- Organizational skills and Interpersonal communication skills
- Project management, Research, reporting and program planning skills
- Architecting and deploying secured and robust applications using cloud computing
- Defining a solution using architectural design principles base on customer requirements
- Ability to provide implementation/technical guidance and best practices to organization through project life cycle

TECHNICAL SKILLS

- **Amazon Web Services** || Linode, Digital Ocean, Hostinger

EC2, S3 storage, Access Management, DNS Route 53, VPCs, ELB, Autoscaling, CDN CloudFront, Cloud Trail, Elastic Load Balancing, Elastic BeanStalk, lambda, Step Function High level understanding of application services such as SNS, SQS, SWF, IAC, Cognito, API Gateway, Lambda and Kinesis.

- **Basic programming skills**

Python; Scripting Validate Requests to nginx website, Send email when Website is down or connection error
MySQL; Database installation, creating and updating tables, writing basic, nested queries and more
Node.js, Java, CLI Web Scraper, Json, Bash Scripting, Postman, Postwoman
Mongo DB Atlas, Dynamo DB, AWS RDS, PostgreSQL
HTML and CSS; Build porto folio website

- **DevOps**

GIT & GITHUB: github actions implementation of CI/CD Continual integration and delivery
Terraform ; Automation , code deployment , Jenkins pipeline, Rest API
EKS, ECS, Kubernetes, Docker containers, Orchestration, Nexus
Jenkins/GitHub, artifacts, Docker Hub CodeBuild, CodeDeploy,
Ansible, cPanel, Marvin, Gradle, npm

- **Networking and system administration**

Linux, managing users, configuring services, network troubles shooting using SSH to connect to remote host
Installation and Configuration of cisco Network Equipment (Router, Switch) LAN/WAN
Installation and Administration of IP telephony (TOIP), BTS site management, RFS tool, Tribbox
IT management, technical client support, Microsoft word, Excel, power point

Done on 25 March 2022

PROFESSIONAL EXPERIENCE

December 2021 – Now: DevOps & AWS Restart Instructor // ITOT Africa

- Host daily sessions through Google meet and teach cloud computing, Linux, Python, Cyber security, DevOps and much more with practicals hands on and real life examples
- Linux, Python, Cyber security and much more with practical's hands on AWS, Digital Ocean
- Communicate regularly with learner and provide advice through slack
- Mentoring student and providing support on carrier
- Evaluate and assigned tasks to student
- Assisted learner in different labs and real life deployment

June 2020 – December 2021: RoseTech Cloud Computing // Freelance

- Schedule Snapshot creation on AWS using Python
- Build java artifact with Maven and publish to Nexus artifact repository
- Deployed a web application on AWS using terraform and ansible.
- Deployed react app, express server with mongo db atlas using docker container through a CI/CD pipeline
- Build HTTP API with API Gateway to Create, read, update and delete items on DynamoDB table by invoking personalized Lambda function.
- Host the frontend of a website on S3 with code on github and using AWS DevOps Tools for CI/CD
- Used Terraform to deploy VPC service and launch resources in a logically isolated virtual network that I designed. Created a public and a private subnet and used the private subnet for databases and web servers to protect the resources from the internet. Elastic Load Balancing was used to automatically distribute incoming application traffic across multiple targets.

July 2019 – Now: Andarise // Voluntary

- Build & Deploy Multi-Container Apps to AWS
Docker Compose - Containerizing an Nginx Server - Containerizing an React App - Containerizing an Node.JS App - Containerizing MongoDB App - Running Multi-Container App Locally - Creating a CI/CD Pipeline - Adding a build stage to test containers and push images to Docker Hub - Deploying Multi-Container App to AWS Elastic Beanstalk
AWS EKS cluster setup, setting up the cluster and deploy the application on the cluster. create node groups and manage IAM roles for EKS cluster.
- Hosted several web applications (e.g. Nodejs Mysql app, a PHP-MySQL app) on EC2 service to provide secure, resizable compute capacity in the cloud. Also used Amazon's EC2 Auto Scaling to help maintain application availability and to automatically add or remove EC2 instances according to conditions I defined. Run Nodejs MySQL app on port http 80 and place Nodejs MySQL app behind an AWS Load Balancer.

TRAINING / QUALIFICATION

2021	Certified AWS Solution Architect Associate
2017	Bachelor at National Polytechnic Bamenda
2015 -2016	CERTIFICATION CISCO CCNA modules 1, 2, 3 & 4
2014 - 2016	DEC (DIPLOMA OF COLLEGIAL STUDIES) awarded by the CCNB (Canada)

LANGUAGE

- **French** (Native)
- English** (Advanced)

REFERENCE

<https://www.linkedin.com/in/antoine-choula>
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