

CURRICULUM VITAE

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AWS Certified Solution Architect | DEVOPS

Curious, Motivated, Ambitious, Willing, Autonomous
Looking for opportunities as 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

Identity and access management, EC2, S3 storage services, DNS using Route 53, VPCs, ELB, Autoscaling, CloudFront, CloudWatch, Cloud Trail, Elastic Load Balancing, Elastic BeanStalk, lambda, Step Function
High level understanding of application services such as SNS, SQS, SWF, CloudFormation, Cognito, API Gateway, Lambda and Kinesis.

➤ Basic programming skills

Python ; Building a basic calculator, Pass word generator, Multiple choice quiz, fuction, lists, loops etc.
MySQL; Database installation, creating and updating tables, writing basic, nested queries and more
Node.js, CLI Web Scraper, Json, Scripting, Python, Bash, 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
Jenkins/GitHub, artifacts with Docker Hub CodeBuild,
CodeDeploy, Ansible, cPanel

➤ 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, tribox, G-NetTrack, iForm, TalonView pro
IT management, technical client support, Microsoft word, Excel, power point

PROFESSIONAL EXPERIENCE

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

- Host daily sessions through Google meet and tech newbies cloud computing, Linux, Python, Cyber security, DevOps and much more with practicals hands on and real life examples

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

- Using AWS Budgets to set custom budgets for tracking costs and usage of resources in an AWS account. Setting up alerts by email when actual or forecasted cost and usage exceed budgeted threshold.
- Using Amazon's S3 to host a static website where individual web pages include static content. Also using this service to store developer codes before hosting them on virtual servers (EC2) for dynamic web apps.
- Used Amazon VPC service to launch AWS 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.
- Created an SSL certificate using AWS Certificate Manager, I used this to secure the network communications to my application and to establish the identity of my websites over the Internet i.e. enable HTTPS.

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.
- Deployed react app, express server with mongo db atlas using docker container through a CI/CD pipeline
- 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.
- Used CloudFront, a fast content delivery network (CDN) service to securely deliver my demo application to "customers" globally, thereby enabling low latency and high transfer speeds for the application.

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	VARIOUS
➤ French (Native)	New technologies and innovation
➤ English (Advanced)	Chess, music

REFERENCE

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