

# JERRY NTUMBA

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## TECHNICAL SKILLS

- **AWS:** Identity and access management, EC2, S3 Storage Services, Databases, DNS Using Route 53, VPCs, ELB, Autoscaling, CloudFront, API Gateway, Lambda, and a high-level understanding of application services such as SNS, SQS, CloudFormation, Cognito, CloudWatch, CloudTrail and Kinesis
- **Linux:** Managing users, configuring services, Apache-PHP-MYSQL setup, server configuration, Virtual host setup, network troubleshooting, using SSH to connect to remote hosts and general troubleshooting.
- **Basic SQL:** Database installation, creating and updating tables, writing basic and nested queries, etc.

## CERTIFICATIONS

**AWS Certified Solutions Architect - Associate**

**2022**

## PROJECT/FREELANCE EXPERIENCE

### **AFROCODEKID.COM**

**Project: Portfolio Website**

- Highlights coding skills while displaying freelance work
- Transferred this website to AWS with knowledge obtained
- Used HTML, CSS (Flexbox & Grid), JavaScript
- Used S3 Bucket, CloudFront, & Route53
- Utilized SSE-KMS and SSL certificates for encryption security
- API Gateway, Lambda Functions, and SES used for "Contact Us" form

### **SHINEEXCEEDINGLY.COM**

**Freelance: Non-Profit**

- Responsible for designing and coding a responsive site for this non-profit organization
- Responsible for maintaining and updating site
- Used HTML, CSS (Flexbox & Grid), JavaScript

### **NEGRIL SOCIAL**

**Freelance: Restaurant**

- Used HTML, CSS (Flexbox & Grid)
- Created a custom form to assist in improvement of customer service and daily traffic to establishment
- Experience with marketing and hosting events at restaurant/lounge
- Restaurant has been closed due to Covid

## WORK HISTORY

**Wyndham Capital Mortgage – Charlotte, NC**

**January 2021 – December 2021**

**Loan Processor**

- Maintain a pipeline of loans with an emphasis on customer service, quality, accuracy, and efficiency.
- Update codes, status dates and loan information for reporting as needed.
- Keep communication between borrowers, escrow/title, sales agents, and Home Loan Advisor up to date to avoid delays and confusion.

**American Income Life Insurance – Charlotte, NC**

**May 2020 – January 2021**

**Supervising Agent (Manager)**

- Train and manage new agents to better understand and master life/health insurance sales
- Conduct annual reviews of current policyholders for possible upgrades with customers in pipeline
- Manage sales team, pipeline as well as run sales meetings

**Inspire Home Loans – Charlotte, NC**

**August 2019 – May 2020**

**Loan Processor**

- Contact contracted buyers and assist them with completing online application
- Assign Loan Officer and communicate details of each loan
- Update borrower, sales team, management, and builder on loan progress

**HANDS-ON EXPERIENCE**

- Used AWS budgets to customize and track resource usage as to not exceed budgeted threshold.
- Hosted static and dynamic websites using S3 Buckets for durable and available storage with KMS encryption on all objects; CloudFront for caching and low latency access to website content; AWS Certificate manager for SSL Certificate; Route53 for domain name purchase, management, and simple routing policy to content at CloudFront Edge locations; API Gateway and Lambda function to send “contact us” section to business or personal email.
- Used AWS IAM to manage access to AWS services and resources securely, as well as set up MFA for extra protection of the environment.
- Created an SSL certificate using AWS Certificate Manager to secure the network communications to my application and to establish the identity of my websites over the Internet i.e., enable HTTPS.
- Created/Used Amazon’s VPC service to launch AWS resources in a logically isolated virtual network.
- Created public and private subnets in order to protect database and web servers' resources from public internet access.
- Utilized Elastic Load Balancers to automate distribution of incoming traffic to applications.
- Hosted several web applications (e.g., PHP-MySQL apps) on Amazon’s EC2 service while utilizing autoscaling capabilities.
- Demonstrate experience with developer tools like Code Deploy, Code Build, Code Pipeline, design the overall Virtual Private Cloud environment including server instance, storage instances, subnets, high availability zones.
- Keeping data secure with encryption, KMS, HSM, IAM, Cognito, STS, and more.
- Understanding Infrastructure as code (Terraform)
- Basic CI/CD & Agile environment knowledge

**CORE COMPETENCIES**

- Defining a solution using architectural design principles based on customer requirements
- Architecting and deploying secure and robust applications using AWS
- Ability to provide implementation guidance and best practices to the organization throughout the life cycle of a project.
- Hands-on skills using compute, networking, storage, and AWS database services
- Defining and identifying technical requirements for AWS-based applications
- Defining and identifying which AWS services meet a given technical requirement
- Knowledge of recommended best practices for building secure and reliable applications on the AWS platform
- Knowledge of network technologies as they relate to AWS
- Knowledge of security features and tools that AWS provides
- Knowledge of Linux and basic SQL administration skills

**EDUCATION**

**Coastal Carolina University – BA. Interdisciplinary Studies**

**May 2014**

**LANGUAGES**

English – Fluent  
 Swahili – Fluent  
 French – Intermediate