**SOPHIA ADIO**

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**CERTIFIED AWS SOLUTIONS ARCHITECT**

Expert and certified IT professional looking to leverage over 7 years in project management and over 5 years as a Solutions Architect. A quick learner with strong dedication to supporting and providing best services to clients and stakeholders. Self-motivated and a result driven individual with the capacity to effectively design solutions for enterprise level projects.

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| TECHNICAL SKILLS |

AWS Cloud Computing | Route 53 | VPC |AWS Security | EC2 | S3 | IAM | Lambda| AWS Control Tower | SNS | SQS| Networking | Redshift | DNS | Database Service |Microservices |API Gateway | ITIL Framework | GitHub | Database Migration | RFP, PoC, SoW| Python Scripting | Artifactory| SAP | SQS, SNS| Business Support Systems: Revenue and Order Management | DynamoDB, NoSQL, |MGN |SSM | LeanIX, draw.io| Atlassian, Jira, Confluence |Zachman |mySQL, PostgreSQL, MongoDB | AWS Config | ITIL | SOC 2, PCI Compliance | SaaS and PaaS Platform |JSON, YAML| Fargate | Disaster Recovery

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| IT CERTIFICATIONS & EDUCATIONAL QUALIFCATIONS |

AWS Certified Solutions Architect Valid to 2025

AWS Certified Cloud Practitioner Valid to 2024

AWS Advance Training | JJ Tech Academy 2022

Certificate Business Management | Fanshawe College 2013

B.Sc. in Economics and Accounting (Honors) | Coventry University, UK 2011

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| SOFT SKILLS |

Effective Problem-Solving Skills | Result Oriented | Strong Communication and Presentation Skills | Coaching and Leadership | Agile Project Management | Analytical | Consulting/Sales Expertise | Negotiation | Resourceful | Stakeholder Relationship Management | Solution Design Documentation

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| PROFESSIONAL EXPERIENCE |

**Cloud Solutions Architect | Bank of Montreal October 2022 – Present (Remote)**

* Drive holistic design & patterns for secure cloud application environments, Cloud platform enhancements, application architecture, data services, and cloud service integrations
* Architect and implement cloud solutions for various application architectures, and programmatic integration of cloud applications, data services, and infrastructure.
* Assist LOBs to architect scalable, highly available application solutions that leverage Cloud services. Collaborates with other architects, operational/infrastructure, and delivery teams to ensure new services align with application & infrastructure roadmaps
* Partner with other stakeholders to drive the creation of Cloud migration & transformation strategy and infrastructure roadmaps across application, information, business, and technology landscapes
* Drive meetings with subject matter experts from all areas of the business including infrastructure, operations, applications, vendors and leads to seek input from and plan/coordinate migrations, resources requirements and timelines.
* Identify and Analyze Cloud Infrastructure architecture gaps to propose new technologies. Establish pilots and POCs for proposed solutions and make recommendations for approvals.
* Programmatically troubleshoot a variety of technical bottleneck via the CLI with bash scripting
* Design a Well Architected Framework for robust application deployment by leveraging the use of VPC’s, Subnets, NACL’s, Security Groups, ELB’s, VPC endpoints, peering connections, Route 53, and Transit Gateways.

**Key Achievements**

* Solely responsible for designing a serverless solutions for deployment of various application in AWS cloud using a NoSQL and SQL database with an integration with on prem network via API gateway.
* Streamlined collaboration processes with non-technical departments to meet business objectives
* Successfully designed and documented various multi region patterns capability patterns for API Gateway & Lambda deployment, DynamoDB deployment etc.

**Solutions Architect | CN Rail Jan 2017 – September 2022 (Remote)**

* Regularly participate in detailed architecture conversations to ensure customer success when deploying new applications on AWS platform and migrating databases.
* Utilize the use of S3 CRR replication and batch replication across multiple regions and adequately managing these buckets with the use of S3 Storage Lens across accounts and on an organizational level.
* Implement detection processes in our infrastructure by utilizing AWS Inspector, GuardDuty, SecurityHub and CloudTrail
* Troubleshoot issues arising from access and security of the network using VPC Flow Logs, CloudTrail, CloudWatch to efficiently manage and monitor the network
* Build, test and implement a robust AWS RDS or AWS DynamoDB backup recovery strategy in relation to the set RTO and RPO objective
* Use AWS Config to keep track of all changes to our resources by invoking API calls.
* Created IAM roles with temporary credentials and attributed time frames for specific assignments which was instrumental to protecting company data from unauthorized access
* Ensure all changes to the environment are being documented and maintained using CloudFormation and Terraform

Key Achievements

* Seamless deployment of AWS Systems Manager to automate repetitive tasks such as ongoing patches and updates on Linux servers
* 99.95% website availability multi-regional deployment, and elimination of SPOFs.
* Reproducible cloud infrastructure through CloudFormation and Terraform
* Streamlined collaboration processes with non-technical departments to meet business objectives

**Technical Project Manager | Charis Immigration Inc. Jul 2019 – June 2022 (Part Time)**

* Evaluate software technology alternatives and provide best options for cost optimization with minimal operational overheads
* Utilize technology to ensure all stakeholders are informed on planning, timelines, budget, future projections, and areas of improvements
* Plan, analyze and utilize agile methodologies in handling project requirements
* Develop systems in place to effectively mitigate risk
* Identify and resolve project issues in building web application for virtual immigration consulting a
* Coordinate content and documentation development to ensure proper implementation of tasks

**Lead Project Coordinator | Skyview Global Jan 2015 - Jul 2019**

* Recommended information technology strategies and procedures by evaluating set outcomes
* Oversaw budgeting and review of financial objectives by forecasting and scheduled expenses
* Ensure up-to-date documentation outlining all procedures and relevant configurations for recovery, administration and troubleshooting purposes are available
* Directed the assessment of technological research by analyzing their strategies, practices, and organizational goals
* Regularly facilitated meetings key stakeholders to strategize and implement changes and/or updates