

## SOLUTIONS ARCHITECT

**Marvellous Thobekani Ncube**

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### PROFILE

Results-driven Solutions Architect with 8+ years of experience in operations leadership, project management, and digital transformation across public and private sectors. Recent hands-on expertise in AWS cloud solutions, including architecture, migration, and automation projects. Adept at aligning cloud technologies with business goals, optimising system performance and cost, and leading cross-functional teams. Proven ability to deliver scalable, secure, and value-driven solutions for diverse clients.

### CERTIFICATION

AWS Cloud Practitioner

DevOps Fundamentals

Scrum Master.

Intro to Prompt Engineering

Generative AI (Microsoft)

### TECHNICAL PROJECTS

#### **IntelliDoc Engine – Intelligent Document Processing System**

Architected and built a serverless document processing solution using AWS Lambda, Textract, DynamoDB, OpenSearch, S3, SageMaker, and API Gateway. Automated extraction, semantic search, and continuous model improvement via an MLOps pipeline.

#### **AWS Cloud Security Project**

Designed and implemented a secure AWS environment with VPC, subnets, NAT Gateway, and EC2. Established public-private subnet architecture and secure SSH access using custom key pairs.

#### **AWS Data Visualization Project**

Built a data pipeline using Amazon S3 and QuickSight to store and visualise structured datasets. Created interactive dashboards for actionable business insights.

#### **AWS Multi-VPC Communication Project**

Deployed a multi-VPC architecture with AWS Transit Gateway, enabling secure communication across Dev, Test, and Prod environments.

#### **AWS Three-tier Web Application**

Launched a highly available WordPress application using Amazon EC2, RDS, Route 53, and VPC.

#### **AWS Serverless CRUD API**

Developed a serverless CRUD API with AWS Lambda (Python), API Gateway, and DynamoDB.

### PROFESSIONAL EXPERIENCE

#### **Head Of Operations, AOK9 & Absolute Dogs | Dec 2023 -Aug 2024**

Led digital transformation projects across e-commerce, content management, and customer experience.

- Delivered API integrations between LMS and Shopify; developed custom community management API.
- Led digital transformation across e-commerce, content management, and customer experience.

- Migrated platforms (WooCommerce to Shopify, ActiveCampaign to Klaviyo saving £15k annually).
- Designed and implemented a bespoke Digital Asset Management system, boosting team efficiency.
- Cut video hosting costs by £75k+ annually by replacing Vimeo with in-house NAS and Beeny.net.
- Streamlined the Amazon team's operations, reducing headcount while saving £16k+ per month.
- Launched AI chatbots via Zendesk and managed full website redesigns for both brands.

#### **Senior Project Manager Digital Echoes, London | Mar 2022 – Dec 2023**

Delivered tailored software solutions for clients across legal, retail, and finance sectors.

- Led AI chatbot project for Genesis Legal, reducing response time by 80% and saving 25% in staffing costs.
- Digitally transformed REGUS's supply system, reducing expenses by 20%.
- Developed automation tools, reducing legal document research time from 5 days to 1.
- Managed office relocation, increasing productivity by 10%.

#### **Sr Project Manager, Guion Consultancy, Cambridge | Feb 2020 – Mar 2022**

Oversaw software development projects across Oil & Gas, tech, and advertising industries.

- Led design sessions for 30+ custom applications, aligning technology with business needs.
- Spearheaded Agile ceremonies, ensuring smooth collaboration and delivery.
- Managed "JobJar" app development, improving UX/UI and adoption.
- Cut project costs by 15% via process optimization; improved digital campaign ROI by 32%.

#### **Project Manager, Silveris Ltd, London | Jan 2017 – Feb 2020**

Delivered custom software and digital solutions across banking, insurance, and energy sectors.

- Managed a £1.2M digital transformation project, generating £2.5M in annual savings
- Improved customer retention by 7.5% through targeted project execution.
- Served as Scrum Master, enhancing team performance and product quality.

### **SKILLS**

- Cloud platforms: AWS [IAM, EC2, S3, Lambda, API Gateway, DynamoDB, RDS, CloudFront, CloudWatch, Cognito, Transit Gateway, VPC, Route 53, SNS, SQS, KMS, QuickSight, Textract, Glue, Athena, EventBridge, Step Functions, Secrets Manager].
- Architecture: Serverless, Microservices, Multi-tier, Networking (VPC Peering, Inter-VPC Connectivity).
- Programming & Integration: Python, REST APIs, Shopify, LMS.
- Data & Analytics: QuickSight, Athena, Glue, Data Visualisation.
- Security & Compliance: IAM Policies, KMS, Secrets Manager, GuardDuty.
- DevOps & Automation: CI/CD (CodePipeline, CodeBuild, CodeDeploy)

### **EDUCATION**

BSc. (Hons.) Business Management & Economics. Lord Ashcroft International

Business School Sep. 2015 –Sep. 2018

**GITHUB LINK - [HTTPS://GITHUB.COM/MARVELLOUSNCUBE](https://github.com/MARVELLOUSNCUBE)**

**LINKEDIN - [HTTPS://WWW.LINKEDIN.COM/IN/MARVELLOUS-NCUBE-77A825255/](https://www.linkedin.com/in/marvelloous-ncube-77a825255/)**

**REFERENCES AVAILABLE ON REQUEST**