

## **OLEBOGENG MOKOMA**

Cloud & DevOps Engineer |Pretoria, Gauteng | 083 215 2737 | olemokoma@gmail.com

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### **PROFESSIONAL SUMMARY**

Results-driven Cloud & certified DevOps Engineer and certified OCI Architect Associate. Specialized in executing cloud migrations and application refactoring projects across AWS, Azure, and OCI. Proven track record of leading technical teams to build secure, scalable backend architectures with integrated CI/CD pipelines and automated infrastructure.

### **TECHNICAL SKILLS**

- Cloud Platforms: Oracle Cloud Infrastructure (OCI Architect Associate), Microsoft Azure (AZ-400), AWS.
- DevOps & Automation: Terraform (IaC), Ansible, Jenkins, GitHub Actions, GitLab CI/CD, Docker, Kubernetes
- Cloud Strategy: IaaS Migration (Lift-and-Shift), PaaS Refactoring, Cost Governance.
- Development & AI: Python, PHP, MySQL, Bash, OCI AI Vision & Language.
- Containerization: Docker (Image optimization), Kubernetes (Core concepts and local cluster management).

### **PROFESSIONAL EXPERIENCE & TECHNICAL PROJECTS**

Independent Cloud & DevOps Engineering | Remote | Oct 2025 – Present

#### **Cloud Application Refactoring (PaaS Implementation)**

- Refactored a monolithic application architecture to leverage Platform-as-a-Service (PaaS) models, significantly reducing operational overhead and infrastructure management.
- Decoupled application components to utilize managed cloud services, including managed databases and cloud-native web applications.
- Automated deployment workflows using GitHub Actions, facilitating a modern "code-to-cloud" pipeline for consistent delivery.

#### **AWS Infrastructure Migration (IaaS Lift-and-Shift)**

- Executed a "Lift-and-Shift" migration of on-premises workloads to AWS EC2 and VPC environments to improve system availability.
- Implemented Infrastructure as Code (IaC) using Terraform to provision secure, reproducible cloud environments.
- Optimized resource allocation to ensure cost governance and adherence to strict cloud spending budgets.

#### **Azure Cloud Resume System**

- Architected a fully cloud-native resume system on Azure utilizing static hosting and serverless backend APIs.
- Integrated database-backed visitor analytics and automated CI/CD triggers for seamless content updates.

#### **Project Lead & Backend Developer | AB4IR | April 2025 – Sept 2025**

- Team Leadership: Served as Project Lead for a 4-member team, overseeing backend architecture and operational documentation for an insurance-management prototype.
- Security Architecture: Designed a normalized MySQL schema and implemented a PHP backend with session-based authentication and Role-Based Access Control (RBAC).

- Automation: Authored secure SQL seed scripts for environment bootstrapping to ensure data integrity and deployment consistency.

#### **Full Stack Developer | FNB App Academy / IT Varsity | May 2025 – July 2025**

- Development: Built 5+ web applications using Python and JavaScript, integrating third-party REST APIs for real-time data processing.
- Methodology: Applied SDLC, UX design, and Design Thinking to deliver user-centric software solutions.

#### **CERTIFICATIONS & EDUCATION**

- Oracle Cloud Infrastructure 2025 Architect Associate(82%)
- OCI AI Foundations Associate (Score: 88%)
- OCI Foundations Associate (Score: 68%)
- Full Stack Development Certificate (IT Varsity / FNB App Academy)
- Master DevOps with AI, AWS, & GitOps (Udemy - In Progress)
- Microsoft Certified: DevOps Engineer Expert - Nemisa (86%)
- LLB - UNISA