Mandla Ndhlovu

Junior Cloud Engineer | Web Developer | DevOps-In-Training  
Johannesburg, South Africa | Open to Remote Work  
📧 your.email@example.com | 📞 +27 xxx xxx xxxx  
🔗 GitHub: github.com/yourprofile | 🔗 LinkedIn: linkedin.com/in/yourprofile

# Profile Summary

Resourceful and fast-learning junior cloud engineer with hands-on experience deploying full-stack applications using AWS (EC2, S3, RDS), troubleshooting infrastructure issues, and supporting web systems under real-world constraints. Strong foundational knowledge of cloud architecture, networking, and security, paired with exceptional communication and customer-focused problem-solving skills. Actively learning SQL, Terraform, and CI/CD pipelines. Eager to support enterprise clients and contribute to global support operations in a fast-paced, mission-critical environment.

# Core Skills

- Cloud Platforms: AWS EC2, S3, RDS, Route 53, CloudFront  
- Troubleshooting: SSH, system logs, NGINX, DNS, HTTP, firewalls  
- Languages & Tools: Python, Bash, JavaScript, SQL (basic), Git  
- DevOps Concepts: Infrastructure as Code (Terraform), Docker (basic), CI/CD (GitHub Actions)  
- Soft Skills: Clear communication, empathy, active listening, analytical thinking  
- Systems: Ubuntu/Linux, VS Code, GitHub, Postman

# Project Experience

* Full-Stack Web App Deployment – Solo Project  
  Jan 2025 – Present

- Deployed a Django + React web application with an RDS MySQL backend, EC2 backend, and static frontend on S3.  
- Used NGINX as a reverse proxy, configured HTTPS via SSL, and custom domains via Route 53.  
- Troubleshot permissions (IAM, S3 CORS), network issues (security groups, firewall), and DNS resolution.  
- Wrote setup scripts, documented errors/fixes, and ensured high availability.

* Cloud Monitoring & Logging Setup – Personal Lab  
  May 2025

- Set up CloudWatch for an EC2-hosted app with custom dashboards and basic alarms.  
- Used logs to diagnose an issue with app crashes on memory exhaustion.  
- Applied root cause analysis and implemented auto-scaling as a preventative measure.

# Education & Certifications

- Meta Front-End Developer Certificate – Coursera | 2025  
- Meta Back-End Developer Certificate – Coursera | 2025  
- Currently preparing for: AWS Cloud Practitioner and Solutions Architect Associate

# Key Achievements

- Built and deployed multiple cloud-based applications without formal team support  
- Consistently study 12+ hours/day to accelerate cloud expertise  
- Resolved dozens of technical issues through hands-on debugging and user feedback  
- Self-taught and operationally capable in infrastructure tasks typically handled by entry-level support engineers

# Technical Environment

AWS: EC2, S3, RDS, Route 53, IAM, CloudWatch, CloudFront  
Languages: Python, SQL (basic), JavaScript, Bash  
Infra: Terraform (beginner), Docker (basic), Git, Linux  
Tools: GitHub, Postman, VS Code, CLI  
Support Concepts: Root cause analysis, incident troubleshooting, log analysis

# Work Preferences

- Remote-first team  
- Available full-time with flexible hours  
- Looking to grow into L2 Support or Junior Cloud Ops in the next 12 months