DEHAN BEKKER

Cloud Engineer

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PROFESSIONAL SUMMARY

Hands-on AWS Cloud Engineer with strong DevOps and Infrastructure as Code experience across production, multi-account AWS environments for healthcare and fitness clients. Skilled in Terraform, AWS CDK (TypeScript), and CloudFormation, with a focus on CI/CD automation, least-privilege IAM, scalable VPC design, monitoring/alerting, and incident response. Known for standardizing deployments, reducing downtime, and improving reliability through automation and operational excellence.

CORE COMPETENCIES

- AWS
- Problem solving
- Cloud Engineering

- DevOps
- Terraform
- CloudFormation

- CI/CD
- Serverless
- Team Collaboration

PROFESSIONAL EXPERIENCE

Cloud Support Engineer | Solecurity — Jan 2025 – Present

- Deployed automated CI/CD pipelines and proactive monitoring for healthcare and fitness clients, cutting application downtime by 40% and deployment failure rate by 60%.
- Migrated manual AWS provisioning to Terraform and CloudFormation templates, standardizing deployments across client environments and significantly reducing configuration drift.
- Designed and implemented a role-based IAM framework with least-privilege policies, automated provisioning, MFA enforcement, and audit logging — eliminating root-credential misuse across all accounts.
- Established incident-response processes and centralized monitoring, reducing support ticket volume by 40% for managed client accounts.
- Conducted security assessment of CloudSleuth's AWS environment, identifying and remediating vulnerabilities while implementing a Pilot Light disaster recovery strategy that met a 30-minute RTO requirement within budget.

Project Manager | Washington Community Church — Jan 2022 – Present

- Designed and scaled a monthly outreach program from launch to 200+ attendees, managing a team of 4 with plans to expand to 300+.
- Coordinated and delivered church-wide projects on schedule and within budget constraints.

KEY PROJECTS

AWS Migration to Infrastructure as Code — *AWS CDK, TypeScript, AWS CLI*

- Converted a manually-managed AWS environment to a fully automated CDK stack, reducing provisioning from hours to minutes and cutting disaster recovery RTO from 4–6 hours to under 15 minutes.

Multi-Account CI/CD Pipeline — *GitHub Actions, AWS CDK, TypeScript*

- Built end-to-end GitHub Actions pipeline for automated infrastructure testing and deployment across multi-account AWS environments, eliminating manual release processes.

IAM Identity Center Automation — *Terraform, AWS IAM, GitHub*

- Automated user and permission provisioning across multi-account AWS environments using Terraform, replacing manual access management and enforcing security compliance at scale.

Scalable VPC Architecture — *AWS VPC, ALB, Auto Scaling, CloudWatch*

- Designed production VPC with load balancing, auto-scaling groups, and centralized logging, improving availability and halving mean time to recovery (MTTR).

Serverless Automation — *Python, AWS Lambda, Docker*

- Built automated infrastructure workflows using Lambda and deployed Dockerised applications, reducing operational costs by 30%.

EDUCATION

- **Cloud Engineer Academy** — Cloud & AI Engineering Certificate, 2025 Intensive hands-on program covering AWS infrastructure, IaC (CDK, Terraform, CloudFormation), CI/CD, DevOps, security, and AI.

- **Hillsong College** — Associate's Degree, Theology & Pastoral Leadership, 2013 – 2015

CERTIFICATIONS

- AWS Certified Machine Learning – Associate
- AWS Certified Solutions Architect – Associate
- AWS AI Practitioner
- AWS Cloud Practitioner
- Cloud & AI Engineering Certificate, Cloud Engineer Academy
- Google Professional Certificate in Project Management

ADDITIONAL

- Interests: Family, Health & Fitness, Traveling, Reading
- Languages: English (full professional proficiency), Afrikaans (bilingual proficiency)
- Currently studying: AWS Security Specialty certification