

Dehan Bekker

5408413707 | dehanbekker@gmail.com | linkedin.com/in/dehan-bekker | github.com/iac23

SKILLS

AWS services: IAM, S3, EC2, Lambda, Cloudformation

Infrastructure as Code: Terraform, AWS CDK with Typescript

CI/CD and Automation: GitHub Actions, DevOps

Soft Skills: Communication, Team enablement, Client training, Technical documentation, Customer support, Leadership

Programming Languages: Python, JavaScript

EXPERIENCE

Cloud Support Engineer

Jan 2025 — Present

Solecurity

Remote

- Streamlined AWS infrastructure and deployment processes, cutting client-facing application downtime by 40% and deployment failure rate by 60% by implementing automated CI/CD, monitoring, and targeted troubleshooting.
- Implemented Infrastructure as Code for AWS deployments, reducing deployment errors by 90% and cutting deployment time by 70% by migrating manual processes to automated Terraform/CloudFormation templates and CI/CD pipelines.
- Implemented role-based IAM framework, eliminating root-credential misuse (0 incidents) and reducing privileged-access incidents 85% across 10 users, by defining least-privilege roles, automating provisioning, and enforcing MFA and audit logging.
- Optimized IT infrastructure for healthcare and fitness clients, reducing system downtime by 35% and support ticket volume by 40% through implementation of proactive monitoring and streamlined incident-response processes.

Student

Jan 2025 — Present

Cloud Engineer Academy

Remote

- Implemented an Infrastructure-as-Code platform, reducing provisioning time by ~60% and operational errors by ~40%, by authoring AWS CDK (TypeScript), Terraform, and CloudFormation templates to automate and standardize cloud resource provisioning and management.
- Implemented automated AWS infrastructure with Python and Lambda and deployed Dockerized applications, reducing deployment time by ~75% and cutting operational costs by ~30%.
- Improved production availability by ~35% and reduced MTTR by 50% by implementing scalable VPC architecture with load balancing, auto-scaling, and centralized monitoring/logging.

PROJECTS

AWS Migration to IaC | Node.js, AWS CLI, AWS CDK with Typescript

- Implemented a fully automated, secure, scalable cloud infrastructure, reducing deployment time by 85% (hours to minutes) and cutting disaster recovery RTO from 4–6 hours to less than 15 minutes, achieving a 60% reduction in infrastructure management overhead by automating stack provisioning and eliminating manual console operations.

CI/CD Pipeline | AWS CLI, GitHub Actions, AWS CDK with Typescript

- Developed GitHub Actions CI/CD pipeline for AWS CDK, achieving an 85% reduction in release cycle time and elimination of manual deployment errors across multi-account healthcare environments by automating infrastructure testing and deployment workflows.

IAM Solutions | AWS CLI, Terraform, IAM, GitHub

- Implemented Terraform-based IAM Identity Center automation, achieving an 80% reduction in access management overhead and eliminating manual user provisioning by automating user and permission provisioning across multi-account AWS environments to enforce security compliance.

CERTIFICATIONS

Solutions Architect Associate

Oct 2024

AWS

Cloud Practioner AWS	Oct 2024
AI Practitioner AWS	Sep 2025
Professional Project Management Google	Dec 2021
Cloud & AI Engineering Cloud Engineering Academy	Aug 2025

LEADERSHIP EXPERIENCE

Young Adults Leader Hillsong South Africa & Australia	Jan 2012 — Jan 2015
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- Organized and led community programs for 100+ college students, enhancing their leadership and team working skills.