

PROJECT BRIEF

# Terraform Infrastructure-as-Code Foundation

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Project: terraform-iac-foundation | Role: Development

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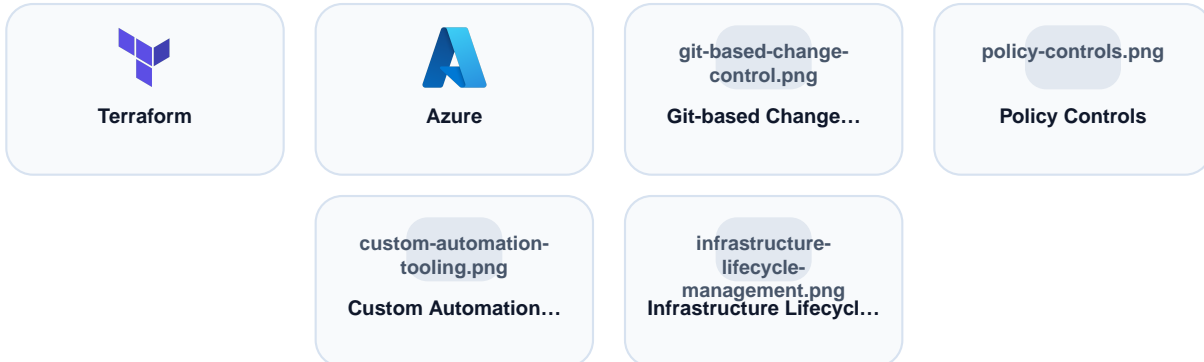
### EXECUTIVE SUMMARY

Migrated an existing production application environment to a Terraform-first infrastructure-as-code model and expanded coverage until infrastructure lifecycle management was fully driven through Terraform workflows. Built custom code and automation tooling to support end-to-end provisioning, configuration consistency, and governed change execution.

### KEY OUTCOMES

- Migrated existing application infrastructure into Terraform-managed state with repeatable deployment patterns.
- Expanded Terraform coverage to support end-to-end infrastructure lifecycle operations through code.
- Built custom tooling and automation code to reduce manual intervention and improve deployment reliability.
- Improved drift control and governance by aligning infrastructure changes to versioned, policy-aware workflows.
- Increased operational consistency across environments through standardized IaC execution and review controls.

### TECHNOLOGY STACK



### PROJECT TAGS

- #automation
- #platform-engineering
- #security
- #governance