

Vitale Mazo

SENIOR CLOUD
PLATFORM ENGINEER

DETAILS

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LINKS

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Profile

- Senior Cloud Platform Engineer with 25 years of experience across AWS, Azure, and GCP. Deep expertise in architecting AWS landing zones and platform foundations using Control Tower, Account Factory for Terraform (AFT), Service Catalog, and CloudFormation. Proficient in Kubernetes, Terraform (IaC), CodeBuild/CodePipeline, advanced network engineering, and distributed systems.
- Skilled at implementing DevSecOps and SRE principles to create reliability, performance, and security in large-scale hybrid/cloud platform environments.
- Available for contract and project engagements corp-to-corp through Mazo Cloud Group LLC (mazocloudgroup.com).
- **Cloud & Platform:** AWS, Azure, GCP, AWS Control Tower, AWS Service Catalog, AFT, CloudFormation, CodeBuild, CodePipeline, Docker, Kubernetes, Terraform, GitLab CI/CD, GitHub Actions, Jenkins
- **Networking & Security:** Zero Trust, VPN, Firewalls, IAM, SOC 2, HIPAA, PCI DSS, FedRAMP, NIST
- **Automation & Scripting:** Python, Bash, Git, Ansible, Packer
- **Infrastructure:** VMware ESXi, SAN, DR & HA, HPC Clusters (GPU-based compute)
- **Leadership & Architecture:** AWS Landing Zones, Multi-Account Governance, Hybrid Migrations, Distributed Design, Team Management

Employment History

Sr Cloud Platform Engineer, Confidential — Fortune 500 Financial Services, Austin, Texas

JANUARY 2026 — PRESENT

- Architect the enterprise global network on AWS Cloud WAN — policy as code, segmented routing, multi-Region edges — with service insertion for centralized inspection and egress (AWS Network Firewall).
- Scale GPU-accelerated AI workloads on Amazon EKS with NVIDIA compute — GPU Operator, MIG/time-slicing, and Karpenter auto-provisioning.
- Drive GitOps multi-account vending at scale with Control Tower, Account Factory for Terraform (AFT), and SCP guardrail baselines.
- Scale developer teams through self-service platform engineering: golden-path Terraform modules, Helm charts, and paved-road pipelines.

Sr Cloud Platform Engineer, COUNTRY Financial, Austin, Texas

JULY 2023 — JANUARY 2026

- Architect and deploy AWS landing zones using Control Tower, Account Factory for Terraform (AFT), and Service Catalog to provision standardized, policy-compliant accounts at scale.
- Build multi-cloud platform foundations (Azure/AWS) with Terraform, CloudFormation, and Kubernetes for large-scale AI data ingestion.
- Automate infrastructure pipelines via CodeBuild/CodePipeline and GitLab CI/CD, integrating DevSecOps with SRE best practices and zero-trust networking.

- Design Service Catalog portfolios and CloudFormation templates enabling self-service provisioning for development teams.
- Standardize Terraform modules and platform patterns across environments, reducing configuration drift.

Sr Cloud Platform Engineer, Bright Health, Austin, Texas

JANUARY 2020 — JUNE 2023

- Built AWS platform foundations with CloudFormation and Terraform for healthcare analytics workloads. Designed multi-account strategies using AWS Organizations and Service Catalog.
- Deployed Docker/Kubernetes microservices on EKS, automated CI/CD with CodeBuild and GitHub Actions, and standardized deployment workflows.
- Established AWS multi-account governance with Organizations and CloudFormation StackSets for consistent environment provisioning.
- Modernized monolithic apps into container-based services, enabling advanced data ingestion. Collaborated on AI/ML pipelines (Azure ML, AWS SageMaker) for predictive analytics.

Sr Cloud Platform Engineer, United States Gov VA, Austin, Texas

APRIL 2019 — AUGUST 2020

- Architected secure AWS GovCloud landing zones and Azure.GOV platform foundations with CloudFormation, Terraform, Git, and Jenkins for FedRAMP-regulated workloads.
- Deployed HPC clusters to support AI-driven modules, aligning with FedRAMP and NIST standards.
- Enhanced multi-region failover and identity-based security to assist in mission-critical uptime, decreasing operational overhead using IaC.

Sr Systems Architect / Engineer, Novus Partners / SEI, New York City

MARCH 2014 — MARCH 2020

- Implemented Docker and Kubernetes in AWS/Azure for high-volume financial data analytics.
- Orchestrated DR strategies using VMware ESXi, SAN replication, and robust routing for multi-cloud continuity.
- Supported at-scale big data workflows, provisioning HPC resources to accelerate risk analysis and historical analytics.

Sr Network Infrastructure Administrator, National Bank of Kuwait, New York City

NOVEMBER 2012 — MARCH 2014

- Deployed VMware ESXi, SAN storage, and advanced network security for data center consolidation.
- Implemented Cisco-based WAN, VPN, and firewall rule sets to safeguard financial applications.
- Created virtualization strategies for core banking workloads with high availability requirements. Deployed multi-homed datacenter and cloud platforms.

Education

Masters Degree, Graduate School, Illinois

Current Certifications

Microsoft Certified: Cybersecurity Architect Expert Validation Number I501-1732

Microsoft Certified: Azure Administrator Associate Validation Number I490-4015

Microsoft Certified: Azure Security Engineer Associate Validation Number I499-9858

Microsoft Certified: Azure Solutions Architect Expert Validation Number I501-1732

HashiCorp Certified: Terraform Associate (002) Confirmation Number V116635898

AWS Certified Security - Specialty (SCS) Validation Number 348JEGYK5FFQQGST

AWS Certified DevOps Engineer - Professional Validation Number
GZ353LMK3EF1QKK3

AWS Certified Solutions Architect Professional (SAP) Validation Number
J04E6XMK31V41EWF

AWS Certified Developer (DVA) Validation Number QLWXTM6KGFEE1B9H

AWS Certified Solutions Architect (SAA) Validation Number G8N2SBN1314Q1RCR

AWS Certified SysOps Administrator (SOA) Validation Number GG8R2QKCE2RQQBSW

AWS Certified Cloud Practitioner (CLF) Validation Number 5CW155R2HMBQ1D5G

Oracle Cloud Infrastructure 2023 Architect Professional Validation Number 1Z0-997-
23 Test ID: OC4238111

Google Professional Cloud Architect Certification Validation Number
65effceb9ff3465eab9deb6b8ef8b158 Series ID 78707

Cisco Certified Network Associate Security (CCNA) Validation Number CSC014575652

Microsoft Certified: Azure AI Engineer Associate Credential ID: E170F229E36E9AA
Certification number: C2YEB1-A68B03