Vitale Mazo

SENIOR CLOUD PLATFORM
NETWORK & DEVOPS ENGINEER

Details

Austin, Texas
United States
718-790-1150
vitalemazo@gmail.com

Links

https://www.linkedin.com/in/vitalemazo

Www.VitaleMazo.com

Profile

- Senior Cloud & DevOps Engineer with 18+ years of experience across AWS, Azure, and GCP. high proficiency K8s, Terraform (IaC), advanced network engineering, and distributed system design for AI/data ingestion.

- Skilled at implementing DevSecOps and SRE principles to create reliability, performance, and security in large scale hybrid / cloud Platform environments. Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes, Terraform, GitLab, Github CI/CD, Jenkins

- Networking & Security: Zero Trust, VPN, Firewalls, IAM, SOC2, HIPAA, PCI DSS

- Automation & Scripting: Python, Bash, Git, Ansible

- Infrastructure: VMware ESXi, SAN, DR & HA, HPC Clusters (GPU-based compute)

- Leadership & Architecture: Hybrid Migrations, Distributed Design, Team Management

Employment History

Sr Cloud Network Security Technology Engineer , Country Financial, Austin Texas

JULY 2023 — PRESENT

- Deploy multi-cloud solutions (Azure/AWS) using Terraform (IaC) and Kubernetes for large-scale AI data ingestion. Integrate DevSecOps with SRE best practices (shift-left security, CI/CD automation, zero-trust networking). Utilize GitLab pipelines to unify environment provisioning, reducing configuration drift. Architect and secure distributed systems for high availability and compliance.

Sr CLOUD ENGINEER, Bright Health, Austin

JANUARY 2020 — JUNE 2023

- Built AWS and Azure microservices (Docker/Kubernetes) for healthcare analytics and event-driven pipelines. Automated infrastructure deployments with Terraform, Git Actions, and standardized CI/CD workflows. 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 ENGINEER, United States Gov VA, Austin

APRIL 2019 — AUGUST 2020

- Architected secure AWS GovCloud and Azure.GOV solutions with Terraform, Git, Jenkins for regulated workloads. Deployed HPC clusters to support AI-driven modules, aligning with FedRAMP, NIST standards. Enhanced multi-region failover and identity-based security to assist in mission-critical uptime.and 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 focused big data workflows, provisioning HPC resources to accelerate risk analysis and historical analytics

Sr NETWORK INFASTRUCTURE 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 honed Datacenter and cloud platforms

Education

Masters Degree, Graduate School, Illinois

SEPTEMBER 2011 — JUNE 2013

Graduate school of management Masters of Network and Communications Management with distinction

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- CSCO14575652

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