Arman Dabiri

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Summary

Cloud Engineer with hands-on experience designing scalable AWS infrastructures and automating deployments using Terraform and CloudFormation. Demonstrates expertise in containerizing services, implementing CI/CD pipelines, and maintaining robust security frameworks. Proven ability to develop strategic roadmaps and document clear, repeatable processes for high-quality cloud solutions.

Key Skills & Technologies

- **Cloud Platforms**: AWS (EC2, S3, VPC, IAM, RDS), AWS Infrastructure Deployment, AWS WorkSpaces Deployment, basic Azure exposure
- **Automation & IaC**: Terraform, AWS CloudFormation, Ansible, CI/CD Pipelines, Bash, PowerShell, DevOps
- **Containers**: Kubernetes fundamentals (CKA prep: RBAC, probes, storage, troubleshooting), Docker
- **Networking & Security**: SonicWall, Cisco Firepower, VPN, Fortinet ZTNA, AWS Security Controls Knowledge, Networking For End-user Computing
- **Dental Softwares**: Carestream, Dentrix, Dentrix Ascend, Eaglesoft, OpenDental, Fuse, Dexis, Apteryx
- **System Administration**: Linux (RHEL, Ubuntu, CentOS), Windows Server, VMware vSAN, Active Directory, Office 365, Systems Engineering, Backup, Disaster Recovery, Storage Infrastructure, Patch Management, Cohesity, Application Management, Virtualization, Application Migration Technologies
- **Monitoring & Compliance**: AWS CloudWatch, PRTG, Huntress, Atera, Security & Governance
- **Consulting & Project Leadership**: Customer-facing Consulting, Project Roadmap Development

Professional Experience

Network Experts, Inc. — May 2024 - Present
IT Director & Cloud Engineer — *Beverly Hills, CA*

Designed and executed scalable AWS infrastructures using Terraform and AWS CloudFormation, ensuring secure and efficient cloud deployments aligned with client requirements.

- Developed and implemented cloud security frameworks with robust IAM policies, network segmentation, and Zero Trust principles, enhancing compliance and security posture, resulting in reduced security incidents
- Collaborated with DevOps teams to establish CI/CD pipelines that improved deployment efficiency and system resilience, while maintaining adherence to best practices.
- Led cloud and on-premises migrations with an emphasis on high availability, supporting over 300 dental offices and ensuring minimal disruption to operations.
- Optimized Windows Server and Active Directory environments to standardize IT infrastructure and support secure systems, enhancing operational reliability.

Network Experts, Inc. — Sep 2023 - May 2024
Systems Engineer — *Beverly Hills, CA*

Provided proactive, customer-facing IT support across dental practices, troubleshooting network, server, and application issues to ensure system integrity.

- Enhanced systems administration by managing Office 365 and Active Directory environments, refining authentication processes and bolstering overall security.
- Administered Windows Server environments with strong security configurations and proactive issue resolution to maintain optimal performance.
- Strengthened endpoint protection and threat detection using advanced security tools to safeguard client IT assets.
- Configured and maintained practice management and imaging systems to deliver seamless performance, aligning with client operational goals.

Medis Holding — Jun 2020 - Jul 2023
System Administrator — *Shiraz, Fars*

Administered and maintained a fleet of over 60 physical and virtual servers, leveraging lifecycle management and redundancy strategies to ensure high availability and system reliability.

- Deployed and managed VMware vCenter and vSAN clusters for scalable virtualization, optimizing performance through dynamic resource allocation and fault domain strategies.
- Configured and secured Cisco and Mikrotik networking devices, enhancing network security and enabling reliable remote access for efficient operations.
- Implemented disaster recovery and backup strategies that improved business continuity and reduced recovery time objectives by 40%.
- Monitored and maintained Apache and Windows server environments with proactive patch management and real-time performance tracking using PRTG.
- Reduced downtime by 25% by executing proactive capacity planning, scheduled maintenance cycles, and infrastructure optimization initiatives.

Education

Westcliff University   **2023 - 2025**
Master of Science, Information Technology - Cloud Computing
- **GPA:** 3.92/4.0
- **Achievements:** Founder's Scholarship for Information Technology (Graduate)

Shiraz University of Technology   **2017 - 2021**
Bachelor of Science, Electrical Engineering - Electronics
- **GPA:** 3.14/4.0
- **Achievements:** Ranked Among Top 3% of University Entrance Exam for Bachelor's Degree

Certifications

- **AWS Certified Solutions Architect - Associate**
- **AWS Certified Cloud Practitioner**
- **Fortinet ZTNA & SASE Security Certifications**
- **Certified Ethical Hacker (CEH)**
- **Certified Security Professional (CSP):** Penetration Testing With Kali Linux
- **Certified Linux Administrator:** LPIC-1, LPIC-2, LPIC-3(304)
- **Cisco Certifiend Network Associate:** CCNA - R&S
- **Microsoft Certified Solutions Associate:** Windows Server 2016
- **CompTIA Network+**

Projects & Achievements

OpenDental Multi-Site Cloud Implementation

multi-location dental practice
- Led the end-to-end design and deployment of a cloud-based OpenDental infrastructure for a multi-location dental practice.
- Migrated individual on-premise databases to a centralized cloud-hosted server with secure VPN connectivity and image folder synchronization.
- Implemented Active Directory for unified user access and enforced HIPAA-compliant security protocols.
- Enabled near real-time data sharing across offices, achieving 99.9% system uptime and significantly improving operational consistency for over 200 staff members.

Cloud Cost Reduction
- Reduced cloud costs by 30% through AWS auto-scaling & reserved instance strategies.

IaC Workflow Optimization
- Optimized IaC workflows, automating 80% of infrastructure provisioning tasks.

Zero Trust Security Model Development
- Developed a Zero Trust security model, improving access control & compliance.

Enterprise Application Migration
- Led a successful migration of 10+ enterprise applications to AWS & Azure, enhancing performance and reliability.