Seyed Mojtaba Hosseiniraviz

Newark, New Jersey | s.mojtaba.h65@gmail.com | +19452514222 | linkedin

Summary

Experienced Systems & Network Administrator with a passion for bridging traditional infrastructure with modern **Cloud** and **DevOps** practices. I've spent more than six years building and securing IT environments, and I've now shifted my focus to automation, containerization, and infrastructure-as-code along with CICD pipelines. With hands-on expertise in **AWS**, **Kubernetes**, and **Terraform**, I'm now actively applying my skills to build resilient, scalable, and automated systems for enterprise environments.

Technical Skills

- **AWS:** EC2, S3, RDS, DynamoDB, VPC, CloudWatch, CloudFormation, ECS, EKS, Lambda, IAM, Route 53
- **Containerization & Orchestration:** Docker, EKS, ECS, Kubernetes
- **IaC:** Terraform, AWS CloudFormation
- **CI/CD Tools:** Jenkins, GitLab CI/CD
- **Scripting & Automation:** Bash, Python

- **OS & Virtualization**: Linux(centos, ubuntu), Windows(Client & Server), VMware, KVM
- **Networking & Security**: TCP/IP, DNS, DHCP, VPN, VLANs, Firewalls, WAF, ACLs, CA Authority
- **Monitoring & Logging**: Prometheus, Zabbix, AWS CloudWatch
- **DB Management**: MySQL, MS SQL, AWS RDS

Work Experience

IT Specialist (Internship - part time) Sigma Technologies - New York, NY   Sep 2024 to April 2025

- Perform Active Directory and Group Policy management for user access control
- Implement patch management, vulnerability scans, and security policy enforcement
- Support backup and disaster recovery operations, ensuring data integrity.

Systems Administrator Medis holding - Shiraz, Iran   Jan 2019 to Jan 2023

- Administered over 100 Linux and Windows systems, ensuring secure, scalable, and reliable multi-user environments.
- Automated infrastructure deployment and server configuration using Bash, reducing manual workload by 40%.
- Monitored system performance and proactively resolved issues to maintain 99.9% uptime.
- Implemented comprehensive backup and disaster recovery solutions using Veeam
- Introduced containerization and orchestration into workflows, testing Docker for staging environments.

Network & Data Center Admin Medis holding - Shiraz, Iran   Mar 2017 to Jan 2023

- Designed and managed virtualized environments using VMware, optimizing resource utilization
- Installed and configured Cisco routers and switches, monitored traffic flow, and ensured optimal connectivity.
- Managed perimeter security devices including Cisco ASA and Fortinet firewalls, implementing access control rules.
- Designed and maintained LAN/WAN infrastructure, including VLAN configuration, routing, and VPN tunnels.
- Handled physical server deployment, rack installation, and cable management within data center environments.
- Developed and updated network topology diagrams, IP schemas, and infrastructure documentation for compliance.

Education

Master's degree in Computer Science
Monroe University - Bronx, NY   May 2024 to Dec 2025
Bachelor's degree in Electrical Engineering
Shahid Bahonar University of Kerman – Kermān

Certifications and Licenses

- Certified Kubernetes Administrator (CKA)
- Certified Terraform Associate
- AWS Certified Solutions Architect Associate
- AWS Certified Cloud Practitioner

- CCNA Routing & Switching
- MCSA Windows Server 2016
- LPIC 1 & LPIC 2 & LPIC 3 (Virtualization)
- VMware VCP-DCV 20