Saanil Taneja

DevOps Engineer | Implementation Engineer

linkedin.com/in/saaniltaneja/ [in]
github.com/SaanilTaneja </>
saaniltaneja@gmail.com ✉
+91 9812006191 📞

OVERVIEW

I have a strong background in IT infrastructure and system administration, with experience in server management, virtualization, automation, and high-availability solutions. My experience covers data center operations, server and system administration, and troubleshooting complex IT infrastructure. As I expand my skill set, certifications in AWS, Azure, and Terraform have strengthened my understanding of cloud computing and Infrastructure as Code (IaC). I am actively building proficiency in DevOps methodologies like CI/CD pipelines, containerization, and cloud-native technologies to enhance automation, efficiency, and scalability in modern IT environments.

KEY SKILLS

- **Cloud & DevOps:** Proficient in AWS, Docker, Kubernetes, Terraform (IaC), Git and CI/CD pipeline automation.
- **Virtualization & Server Management:** Expertise in KVM virtualization, Linux, and Windows Server administration.
- **Automation & Scripting:** Skilled in Bash scripting, process automation, and configuration management.
- **Storage & High Availability:** Experience with LVM, backup solutions and failover clustering.
- **System Optimization & Monitoring:** Ensuring performance tuning, log management, and proactive monitoring.

PROFESSIONAL EXPERIENCE

Orange Business Services (through Teamlease) - Implementation Engineer   **May 2023 - Present**
Client: Department of Science & Technology, Gujarat (on-site)

- Oversaw data center infrastructure setup, management and optimization to ensure high availability and fault tolerance.
- Implemented network infrastructure, including configuration and management of Cisco routers, switches, IPS and Proxy devices, along with Fortinet firewalls, Array-Network load balancers, F5 WAF to support secure and scalable operations.
- Managed and deployed virtual machines and infrastructure using KVM & VMWare, ensuring optimal resource utilization and system performance through routine monitoring and proactive maintenance.
- Built and configured RHEL 9, Ubuntu 22.04 & Windows Servers 2019 servers and integrated them with Cisco MDS SAN storage solutions using LVM to meet enterprise data requirements.
- Developed and deployed Bash scripts and cron jobs to automate repetitive tasks and backup solutions, enhancing operational efficiency and reducing downtime.
- Configured and managed failover clusters using iSCSI disks ensuring robust high-availability solutions for critical systems.
- Provided technical support for server, storage and network issues, leveraging strong troubleshooting skills to minimize impact on operations.
- Authored system documentation and standard operating procedures (SOPs) to support seamless system administration and team collaboration.

PROJECTS

- **DevOps:** Deployed a containerized web application on AWS Cloud using Terraform for provisioning and automation.
- **DevOps:** Deployed a Kubernetes cluster on AWS Cloud using S3 as backend with kOps (Kubernetes Operations).
- **Terraform:** Deployed automated Infrastructure on AWS consisting of VPC, IGW, Subnets, Routes, EC2 and Security Groups.
- **TACACS+ Server:** Solution for centralized authentication, authorization and accounting of SWAN routers in the network.
- **TFTP Server:** A centralized file server to streamline the deployment process of routers and their configuration.
- **Syslog Server:** A custom centralized log server to aggregate and manage logs of SWAN routers.

EDUCATION

- **Masters of Business Administration (Major in IT Management)**   **2023 - 2025**
  Amity University, Noida   First Division - CGPA : 6.96/10
- **Bachelor of Science (Information Technology)**   **2020 - 2023**
  Amity University, Noida   First Division w/ Distinction - CGPA : 8.63/10

CERTIFICATIONS

- **HashiCorp Certified: Terraform Associate** (HashiCorp)   **Mar 2025**
- **AWS Certified Developer - Associate** (Amazon Web Services)   **Feb 2025**
- **AWS Certified Solutions Architect - Associate** (Amazon Web Services)   **Nov 2024**
- **Fortinet Certified Associate - Cybersecurity** (Fortinet)   **Jul 2024**
- **Fortinet Certified Fundamentals - Cybersecurity** (Fortinet)   **Jul 2024**
- **Microsoft Certified: Azure Fundamentals** (Microsoft)   **Jul 2024**