

AMAN SAXENA

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Summary

Senior SRE with 6+ years of expertise in **supporting, architecting and automating** complex **hybrid cloud** infrastructure across **VMware, OCI** and **GCP** environments. Deep specialization in the full VMware SDDC stack (vSphere, vSAN, NSX-T, HCX). Proven experience leveraging automation scripting and GenAI tools to build observability tooling, reduce MTTR, and optimize large-scale customer infrastructure.

Skills & Abilities

- **Cloud:** VMware vSphere, NSX-T, vSAN, HCX, OCI, GCP, VCF, SRM, VRLCM.
- **AIOps & Automation:** Generative AI (Gemini, ChatGPT, Cursor AI, Trae) , Python , C++, Aria Operations (vROPS), Aria Logs (vRLI).
- **Infrastructure as Code:** Terraform.
- **Container Platforms:** Docker, Kubernetes, Tanzu.
- **Core Infrastructure & DB:** Advanced Networking (L1-L7) , Active Directory, Linux/Windows Admin , MySQL.

Experience

SENIOR SITE RELIABILITY ENGINEER | ORACLE, BANGALORE | 08/2023-PRESENT

- **Architected and led** complex 'on-premises to OCI' migrations for enterprise customers, serving as the lead technical **SME and escalation point** for mission-critical workloads.
- Develops and deploys software to optimise Oracle's infrastructure scalability and performance.
- Extensive troubleshooting experience in VMware products for large-scale customers.
- Familiarity with diverse cloud platforms and enterprise solutions.
- Expertise in VMware solutions: vSphere, NSX-T, vSAN, and HCX within Oracle Cloud.
- Engineered AIOps tooling using Generative AI to automatically ingest and correlate vSphere, vSAN, and NSX-T logs, directly reducing Mean Time To Resolution (MTTR) for complex customer escalations.
- Implemented AI-driven capacity planning models for NSX and Aria Operations, providing proactive scaling recommendations.
- Proficient in Python, Go, and automation principles for operational efficiency.
- Strong networking, routing, and security skills across layers L1 to L7.

SENIOR CLOUD ENGINEER | SWAN SOLUTIONS PVT. LTD, MUMBAI | 02/2021-08/2023

Client: State Bank of India, GITC, Navi Mumbai

- Led the end-to-end platform upgrade for vRealize Operations (7.5 to 8.12), unlocking new monitoring capabilities and improving system stability for the State Bank of India's infrastructure.
- Performed horizontal and vertical scaling of the Aria Operations cluster which increased performance by 60%.
- Configured application-level monitoring of third-party services (Apache, MySQL, AirWatch etc.) using Telegraf.
- Configured monitoring for Tanzu Kubernetes components in Aria Operations(vROPS).
- Managed and executed critical disaster recovery migrations using SRM, successfully migrating 1500+ VMs between PR/DR sites with 100% data integrity and zero business disruption.
- Created custom alerts and automated reports based on customer requirements in Aria Operations(vROPS) and Aria Operations for Logs(vRLI).

- Created multiple custom dashboards in Aria Operations(vROPS) for application owners.
- Upscaled Log Insight Cluster which increased performance by 45%.
- Upgraded vRealize Log Insight from version 4.8 to 8.10.

Client: NSE (National Stock Exchange), Mumbai

- Designed and deployed custom Aria Operations dashboards for application owners at National Stock Exchange, tracking app health, VM costs, and datastore utilization, which reduced manual reporting effort by 10 hours per week.
- Created a customized dashboard to track datastores having high and low utilization vCenter-wise.

Client: ReBIT, Navi Mumbai

- Designed, deployed and configured Aria Operations(VROPS) 8.10.
- Designed, deployed and configured Aria Operations for Logs(VRLI) 8.10.

ASSOCIATE CONSULTANT | EZMATA TECHNOLOGIES PVT LTD, PUNE | 01/2020-02/2021

Client: Vodafone Idea Limited, Pune

- Created multiple application-level dashboards in Aria Operations(vROPS) with PowerVC integration.
- Created customized dashboards to show the cost of virtual machines.
- Deployed and configured ESXi, vCenter, Aria Operations(VROPS), and Aria Operations for Logs(VRLI).

Certifications

- Oracle Cloud Infrastructure 2024 Certified Architect Professional.
- VCP Cloud Operations 2024 from Broadcom.
- VCAP-DCV Design 2021 from VMware.
- VCP-CMA 2020 from VMware.
- VCP-NV 2021 from VMware.
- Aria Operations(VROPS) Specialist 2020 from VMware.
- Aria Operations(VROPS) CMA 2020 from VMware.
- VCP-DCV 2021 from VMware.
- AZ-900 from Microsoft.
- Google Skill Badges: Deploy and Manage Cloud Environments, Kubernetes in Google Cloud, Implementing Cloud Load Balancing for Compute Engine and more mentioned in the link above.
- VCA-DCV 2020 from VMware.
- Oracle Certified Foundations Associate 2023.

Education

BACHELOR OF COMPUTER APPLICATIONS | 04/2020 | CHANDIGARH UNIVERSITY, PUNJAB

- CGPA: 9.08 (Rank: 1)
- Pursued Semester Exchange Program from Chung Ang University, South Korea.