

# Raj Kumar Suman

Cloud | DevOps | System | Storage Engineer

## CONTACT

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## SKILLS

### DevOps

Docker | Git | Terraform | Ansible |  
Kubernetes | Jenkins | Maven

### Storage Admin

NFS | CIFS | FC | ISCSI | ONTAP |  
NetApp | Snapmirror | Snapvault | SAN  
| NAS

### System Admin

Linux | Windows | Bash scripting

### Cloud

AWS | EC2 | VPC | EBS | ELB |  
Route53 | RDS | CloudFormation |  
CloudWatch

## LANGUAGES

English | Hindi

## CORE COMPETENCIES

- CI/CD pipelines
- Infrastructure as code (IaC)
- Containerization
- Monitoring and Logging tools

## SUMMARY

- IT Professional with 10+ years of experience specializing in Storage & System Administration, DevOps, Configuration Management, Support, and maintenance in Private and Public Clouds like AWS, Azure, and GCP.
- Expertise in automating builds and deployment processes using Git, Jenkins, and Ansible with a focus on DevOps tools.
- Infrastructure automation with Terraform, AWS CloudFormation, Kubernetes, and Docker.
- Effectively plan, install, configure, and optimize IT infrastructures to achieve high availability and performance.

## WORK EXPERIENCE

### Storage Administrator

Jan 2020 - Present

Ahana Systems and Solutions, Mumbai, India

- Working on FAS/AFF8080, A700, A800, FAS8300 NetApp Storages.
- Managed Cisco MDS fabric environment that supports 500+ Linux VM instances in a cluster, hosting various applications like Oracle RAC finance-based applications.
- Managing all the 3 sites DC, DR, and NDR for storage needs.
- Deployed automated reports for storage health & performance using python scripting.
- Managing various tasks centrally using Ansible.
- Hosting applications using pods, containers, and AWS S3.
- Managing day-to-day storage administration with all storage-related duties such as break-fix, provisioning, risk analysis, decommission, capacity forecasting, performance, health monitoring, and reporting.
- Replacing and upgrading the firmware of storage components such as disk drive enclosure, disk shelves, DIMM, PCI Card, SPs, BIOS, and node upgrades.
- Creating and maintaining documentation related to storage systems, processes, and procedures as per NetApp best practices.
- Designed and implement storage solutions that meet the customer's data storage requirements.
- Performing routine maintenance and upgrades to storage systems to ensure their ongoing performance, and availability also mitigates the vulnerability.
- Developing and implementing data security and efficiency measures to optimize and protect against unauthorized access and data loss.

### Technical Engineer

Aug 2019 - Jan 2020

Hitachi Systems, Mumbai, India

- Collaborated with cross-functional teams (developers, QA, and operations) to design, deploy, and maintain software applications and infrastructure.
- Developed and maintained CI/CD pipelines to enable fast and reliable software delivery.
- Designed, deployed, and managed cloud infrastructure (e.g., AWS, Azure) using Infrastructure as Code (IaC) tools such as Terraform or CloudFormation.
- Monitored and analyzed system performance, identified and resolved issues proactively.
- Developed and implemented security measures to protect system and data.

- Data Migration
- Technology Refresh
- Solution Design & Planning
- Fabric Zoning
- Backup Recovery
- System Reporting
- Disaster Recovery
- Provisioning
- Troubleshooting

- Automated operational processes using scripting and other tools.
- Experience in DevOps practices and tools such as Git, Jenkins, Docker, Kubernetes, and AWS.
- Worked on bash scripting, and python programming language.
- Knowledge of networking concepts and protocols.
- Strong analytical and problem-solving skills.

### **Sr. Storage Administrator**

**Mar 2019 - Aug 2019**

Inspirsys Solutions Ltd, Mumbai, India

- Worked on FAS8040, FAS8060 & A700 NetApp storages.
- Worked on both SAN & NAS environments.
- Worked on storage protocols like NFS, CIFS, ISCSI, and FC.
- Cisco MDS 8 series fabric switch soft zoning & upgrades.
- Involved in upgrade activity of storage & backup software.
- Monitored storage systems to ensure it is operating efficiently and effectively.
- Managed data backup and recovery system using Commvault Intellisnap to ensure data availability and integrity.
- Created and maintained documentation related to storage systems, processes, and procedures.

### **IT Executive**

**Jun 2014 - Oct 2018**

ITC Infotech India Ltd, Hyderabad, India

- Worked on FAS2560 for CIFS share management.
- Monitored server & storage performance and troubleshooted issues to ensure the high availability and reliability of systems.
- Performed regular tape backups and disaster recovery procedures to ensure data integrity and availability.
- Implemented/updated security protocols/patches to protect systems and networks against unauthorized access, virus, and other threats.
- Took care of permission to share folders that come from NAS-enabled NetApp storage.
- Managed server configuration of VMs using Ansible.

### **Associate Engineer**

**Oct 2012 - May 2014**

Tata Consultancy services, Patna, India

- Prepared IT infrastructure for mock & real exams.
- Provided assistance and support to test-takers as needed.
- Monitored the exam server during the test to avoid system locking.
- Worked for Tata Consultancy Service on behalf of Genius Consultancy and thereafter Core Integra Consulting.

### **Desktop Support Engineer**

**Oct 2011 - Oct 2012**

Kaizen IT Services, Patna, India

- Provided end-user support to the Bharti-Airtel office for all IT needs.
- Troubleshooted hardware and software issues.
- Set up, installed, and configured new hardware and software.
- Maintained inventory of physical assets for internal & external auditing.

### **Service Engineer**

**Jun 2011 - Sep 2011**

Digital Care, Patna, India

- Upgraded LIC India EDMS database server based on Linux to v3.0. Worked
- The project took 3 months to complete and was powered by HP India.

## EDUCATION

**Bachelor in Computer Application  
(BCA): Computer Science**  
NIMS university

**Jan 2011 - Jan 2014**

64%



## CERTIFICATIONS

<b>Redhat certified system engineer(RHCE)</b>	<b>Jan 2018 - Present</b>
<b>Red Hat Certified System Administrator - RHCSA</b>	<b>Jan 2018 - Present</b>
<b>NetApp Certified Data Administrator (NCDA)</b>	<b>Jan 2018 - Present</b>
<b>Microsoft Certified Technology Specialist (MCTS)</b>	<b>Jan 2018 - Present</b>
<b>Oracle Cloud Infrastructure 2019 Certified Architect Associate Certification</b>	<b>Aug 2020 - Present</b>
<b>NetApp Certified Support Engineer (NCSE)</b>	<b>Feb 2022 - Present</b>
<b>NetApp Certified Technology Associate (NCTA)</b>	<b>Mar 2022 - Present</b>
<b>Advance Certification in DevOps and Cloud - IIT Roorkee</b>	<b>Mar 2023 - Present</b>