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 | Azure | Azure DevOps

CORE COMPETENCIES

- CI/CD pipelines
- Infrastructure as code (IaC)
- Containerization
- Monitoring and Logging tools
- Data Migration
- Technology Refresh
- Solution Design & Planning
- Fabric Zoning
- Backup Recovery

SUMMARY

- **IT professional with 11+ years of experience specializing in DevOps, storage and system administration, configuration management, support, and maintenance in private and public clouds like AWS and Azure.**
- **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

Cloud and DevOps Engineer — Jan 2020 - Present
Ahana Systems and Solutions, 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) using Infrastructure as Code (IaC) tools such as Terraform or CloudFormation.
- Monitored and analyzed system performance, and identified and resolved issues proactively.
- Developed and implemented security measures to protect systems and data.
- Automated operational processes using scripting and other tools.
- Strong experience in DevOps practices and tools such as Git, Jenkins, Docker, Kubernetes, and AWS.
- Hands on experience with various AWS service CloudFormation, Lambda, ECS, EC2, VPC, etc.
- Experience with systems administration (Linux) web servers, IP networking, DNS, SSL certificates, etc.
- Worked on bash scripting and Python programming language.
- Knowledge of networking concepts and protocols.
- Strong analytical and problem-solving skills.

Technical Engineer — Aug 2019 - Jan 2020
Hitachi Systems, Mumbai, India

- Part of BOI (Bank of India) private cloud team to maintain virtual infrastructure.
- Deployed automated reports for system and storage health and performance using Python.
- Monitor and troubleshoot virtualized environments to ensure high availability, performance, and security.
- Managing day-to-day storage administration with all storage-related duties such as break-fix, provisioning, risk analysis, decommissioning, capacity forecasting, performance, health monitoring, and reporting.
- Replacing and upgrading the firmware of storage components such as disk drive enclosures, disk shelves, DIMMs, PCI Cards, SPs, BIOS, and node upgrades.

- System Reporting
- Disaster Recovery
- Provisioning
- Troubleshooting

🌐 LANGUAGES

English | Hindi

- Creating and maintaining documentation related to storage systems, processes, and procedures as per NetApp best practices.
- Designed and implemented 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.

Sr. Storage Administrator   Mar 2019 - Aug 2019
Inspirisys 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.
- Monitor storage systems to ensure operating efficiently and effectively.
- Manage data backup and recovery system using commvault Intellisnap to ensure data availability and integrity.
- Create and maintain 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 shares management.
- Monitor server & storage performance and troubleshoot issues to ensure the high availability and reliability of systems.
- Perform regular tape backups and disaster recovery procedures to ensure data integrity and availability.
- Implement/update security protocols/patches to protect systems and networks against unauthorized access, viruses, and other threats.
- Take 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.
- Troubleshoot hardware and software issues.
- Set up, Install, and configure new hardware and software.
- Maintain 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 project took 3 months to complete and was powered by HP India.

🎓 EDUCATION

Bachelor in Computer Application (BCA):   Jan 2011 - Jan 2014
Computer Science   64%
NIMS university

BCA From NIMS University with 64% Marks.

Masters in Computer Applications: Computer Science
Jaipur National University

Jan 2015 - Jan 2017

CERTIFICATIONS

Advance Certification in DevOps and Cloud - IIT Roorkee

Mar 2023 - Present

Oracle Cloud Infrastructure 2019 Certified Architect Associate Certification

Aug 2020 - Present

Redhat certified system engineer(RHCE)

Jan 2018 - Present

Red Hat Certified System Administrator - RHCSA

Jan 2018 - Present

NetApp Certified Data Administrator (NCDA)

Jan 2018 - Present

NetApp Certified Support Engineer (NCSE)

Feb 2022 - Present

NetApp Certified Technology Associate (NCTA)

Mar 2022 - Present