

RAGINI KAMBLE

Linux System Administrator

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PROFESSIONAL SUMMARY

Linux professional with 1 year hands-on experience in system administration and basic knowledge of AWS cloud services. Possess foundational understanding of DevOps tools (Docker, Git, Jenkins) and CI/CD concepts. Seeking an entry-level DevOps role to leverage Linux expertise while expanding cloud and DevOps skills.

WORK EXPERIENCE

Linux Administrator Intern
Radical Software, Pune

Nov 2024 – Nov 2025

- Performed Linux system administration tasks including installation, configuration, and troubleshooting.
- Managed user accounts, permissions, and secure access controls.
- Set up SSH trust, firewall rules, and secure data transfer protocols.
- Worked with virtualization environments using VMware.

TECHNICAL SKILLS

Linux Admin:

- **Linux Administration:** RHEL installation and configuration (6/7/8/9/10), systemd, GRUB, kernel management, file system hierarchy (FHS), run levels, server configuration.
- **Virtualization:** VMware ESXi and VMware Workstation setup, VM provisioning and management.
- **User & Access Management:** User/group creation, password and sudo management, ACLs, permission handling.
- **Process & Performance Management:** Process monitoring (ps, top), job control (fg/bg/nohup), performance tuning, kernel parameter optimization.
- **Networking:** DNS, DHCP, SSH, routing, NFS, RDP configuration and troubleshooting.
- **Security & Firewall:** IPTables, Firewalld, secure file transfers (SCP/FTP), access control.
- **Package & Repository Management:** rpm, yum, dnf, repository configuration (local/global).
- **Storage & LVM:** Disk partitioning, file systems, DAS/NAS/SAN concepts, LVM creation, expansion, reduction, snapshots, data migration.
- **Backup & Recovery:** Backup strategies, restore operations, data recovery.
- **Scripting & Automation:** Bash scripting for automation, system tasks, and routine operations.

AWS Admin:

- **IAM:** User, role, and policy management for secure access control.
- **EC2:** Instance provisioning, AMIs, security groups, key pairs, EBS volume handling.
- **S3:** Bucket creation, versioning, lifecycle rules, access permissions.

- **EBS:** Volume provisioning, snapshots, backup and recovery.
- **Load Balancing & Scaling:** ELB/ALB configuration, Auto Scaling basics.
- **Network Security:** Groups, NACL configuration.
- **VPC Networking:** Subnets, route tables, Internet Gateway, NAT Gateway setup and management

DevOps Tools (Basic):

- **Version Control:** Git (clone, add, commit, push, pull, branch, merge)
- **CI/CD Tool:** Jenkins (freestyle jobs, basic pipeline understanding, build triggers)
- **Containerization:** Docker (Dockerfile basics, image creation, running containers)
- **DevOps Fundamentals:** CI/CD concepts, automation basics, build and deployment process
- **Practical Exposure:** Basic hands-on practice with Jenkins and Docker integration

PROJECTS

- **Patching using RPM/YUM/EPEL:** Automated patch management and repository updates.
- **Ansible Configuration Management:** Managed servers with playbooks and automation.
- **SSH Trust Setup:** Password-less authentication between servers.
- **Apache Web Server with SSL:** Configured and secured HTTPS services.
- **LAMP Stack Deployment:** Complete setup of Linux, Apache, MySQL/MariaDB, PHP.

EDUCATION

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| • B.Tech in Computer Science — Dr. Babasaheb Ambedkar Technological University | (2021–2024) |
| • HSC (12th) — Maharashtra State Board | Feb 2020 |
| • SSC (10th) — Maharashtra State Board | Mar 2018 |

PERSONAL DETAILS

- **Date of Birth:** 06/07/2002
- **Hobbies:** Dancing
- **Languages:** English, Hindi, Marathi
- **Permanent Address:** Indira Nagar, Mul Road, Chandrapur, Maharashtra

DECLARATION

I hereby declare that all the information provided is true to the best of my knowledge.