Jyotiswaroop Tripathi

📄 Self-taught Linux System Administrator & DevOps Engineer with RHCSA/RHCE-level expertise in Red Hat systems. Skilled in Linux administration, storage, networking, and security with strong knowledge of shell scripting and automation. Proficient in Git, Ansible, AWS, Docker, Kubernetes, Terraform, Jenkins, Prometheus, and Grafana for automation, cloud infrastructure, CI/CD, and monitoring. Experienced in troubleshooting, performance tuning, and implementing secure, scalable systems.

📱 **Mobile -** +91-7607588255 ✉ **E-Mail Id –** Jyotiswaroop.niit1@gmail.com
🌐 **LinkedIn -** https://www.linkedin.com/in/jyoti-swaroop-mani-tripathi-741980379/
🐙 **GitHub -** https://github.com/jyotiswaroop20
🔗 **Portfolio -** https://jyotiswaroop20.github.io/shandilya-portfolio-website/

🚀 **Career Objective –** To secure an entry-level role as a **Linux System Administrator / DevOps Engineer**, where I can apply my practical skills in Linux system administration, server management, automation, cloud services (AWS), containerization (Docker/Kubernetes), and CI/CD pipelines. I aim to contribute to IT infrastructure efficiency, security, and reliability while continuously learning and growing into a versatile Linux & DevOps professional.

💼 **Key Skills –**
- Problem-Solving **|** Communication **|** Teamwork **|** Adaptability
- Quick Learner with Strong Practical Approach

🛠 **Technical Skills –**

Operating Systems:
➢ Linux Server OS: CentOS 8/9, RHEL 8/9, Alma Linux 9.5, Rocky Linux 9.5
➢ Linux Client OS: Linux Mint (21.3 Virginia – Mate, 22.1 Xia – Cinnamon)
➢ Windows Client OS: XP / 7 / 8 / 10 / 11

Core System Administration:
User/Group Management, File Permissions & ACLs, Cron Jobs, Process/Service Handling, SSH & DNS Setup, Shell Scripting, System Troubleshooting, SELinux (permissive/enforcing), Sudo & User Auditing, Logging, Patching/Updates (YUM/DNF), Backup Scheduling, Package Management (RPM/YUM/DNF), GRUB2 Bootloader, systemd Services, Runlevels (targets), System Health Monitoring.

Storage Management:
LVM (creation, extension, snapshots), RAID (0, 1, 5, 10 setup), Stratis & VDO configuration, Disk Partitioning & Formatting (ext4, XFS), Mounting/Unmounting, Swap Management, Disk Quota (user/group/project), LUKS Encryption.

Networking & Services:
Apache (web hosting), FTP & SSH configuration, Samba & NFS file sharing, DHCP & DNS setup, My SQL Server Installation & Configuration, Postfix mail server, NTP time synchronization, Firewall management with Firewalld.

DevOps & Automation Tools:
Ansible (Configuration Management & Automation), AWS (EC2, S3, IAM & ETC), Docker (Containerization & Image Management), Kubernetes (Pods, Services, ConfigMaps, Namespaces), Terraform (Infrastructure as Code), Jenkins (CI/CD Pipelines), Git/GitHub/GitLab (Version Control), Grafana & Prometheus (Monitoring & Visualization).

Programming & Scripting:
- Bash Scripting
- Python (Basics for Automation)

Virtualization & Tools:
- VMware, MobaXterm, PuTTY, MS Office & VSCode

💼 Professional Experience:

Estate Manager (Administration with IT Support Exposure)
Metropolitan School | March 2015 – Present | Gorakhpur (UP)

➢ Managed overall estate operations including facility maintenance, vendor coordination, and administrative documentation.
➢ Provided basic IT support including computer lab maintenance, printer setups, LAN/Wi-Fi troubleshooting, and system checks.
➢ Performed routine tasks on a Linux-based local server (CentOS) such as taking backups, installing updates, and managing user accounts.
➢ Troubleshot basic hardware and networking issues in coordination with external IT support vendors.
➢ Developed a growing interest in Linux and IT systems during the role; started self-learning through YouTube, virtual labs, and real-world practice with the goal of pursuing a professional career in **Linux System Administration** or **DevOps**.

🎓 Education:

Secondary School Certificate (SSC in Science)
Govt. Jubilee Inter College, Gorakhpur | 2002 – 2003 | 59.67% | Regular Mode | Hindi Medium
Higher Secondary Certificate (HSC in Science)
Govt. Jubilee Inter College, Gorakhpur | 2004 – 2005 | 61.6% | Regular Mode | Hindi Medium
Bachelor of Science (BSc in Information Technology)
Kuvempu University, Karnataka | 2005 – 2008 | Grade-A (75% or above) | Distance Mode | English Medium
GNIIT (Software Engineering)
NIIT, New Delhi | 2009 – 2012 | Grade -A (80% or above) | Regular Mode | English Medium

🛠️ Projects & Lab Work:

➢ Configured and deployed Linux services (Apache, Nginx, FTP, SSH, Samba, NFS, DNS, DHCP).
➢ Performed complete LVM, RAID, Stratis, VDO setup with disk partitioning, mounting, quota, and encryption.
➢ Automated server configs using **Ansible.**
➢ Hosted static website on AWS S3 with custom domain and secure access.
➢ Automated user management, scheduled backups, and service tasks using Bash scripting.
➢ Deployed Docker containers and Kubernetes Pods for application hosting.
➢ Created Terraform scripts for AWS infrastructure provisioning.
➢ Built CI/CD pipelines in **Jenkins** integrated with **GitHub**.
➢ Monitored system performance using **Prometheus** and visualized data with **Grafana**.
➢ Managed server-level troubleshooting, package installation, and system updates via YUM/DNF.

🗣️ Languages:

➢ Hindi (Native) | English (Professional)

📄 Personal Details:

➢ **Father's Name –** Late Mr. Onkar Tripathi
➢ **Mother's Name –** Mrs. Nisha Tripathi
➢ **Date of Birth –** July 05, 1988
➢ **Marital Status –** Married
➢ **Gender –** Male
➢ **Address –** House No – EWS-E/6 Rapti Nagar Phase – 4, Gorakhpur (UP), India

📝 Declaration

I hereby declare that all information furnished above is accurate to the best of my knowledge.

Date:

Place: **Jyotiswaroop Tripathi**