



Jyotiswaroop Tripathi

Linux System Administrator with strong expertise in system configuration, networking, server security, and Bash scripting. Skilled in managing Linux infrastructures and containerized environments using Podman, with Git-based version control. Hands-on experience configuring and maintaining a wide range of Linux servers, including Apache, Nginx, Tomcat, MySQL/PostgreSQL/MariaDB, LDAP, Mail (Postfix/Dovecot), FTP, DNS (BIND), DHCP, NTP, Proxy, Satellite Server and etc. Transitioned from school administration to IT through self-learning and personal labs, building deep practical knowledge. Seeking opportunities as a Linux System Administrator to deliver secure, efficient, and fully managed Linux systems.

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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 –

Motivated **Linux System Administrator** with strong skills in Linux administration, system configuration, and Bash scripting. Proficient in managing Linux infrastructures, containerized environments using Podman, and version control with Git, with hands-on experience in servers like Apache, Nginx, Tomcat, MySQL/PostgreSQL, LDAP, Mail, FTP, DNS, DHCP, NTP, Proxy, Satellite and etc. Eager to contribute, learn, and prove my abilities by building secure, efficient, and fully managed Linux systems.

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, AlmaLinux 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
- **Linux System Administration Expertise:**
 - **Core Linux Administration:** User/Group management, File permissions & ACLs, Cron jobs, Process/Service handling, Logging, Auditing, SELinux, Patching, Backup scheduling, GRUB2, Systemd, Shell scripting.
 - **Storage Management:** LVM, RAID, Stratis, VDO, Disk partitioning & formatting (ext4, XFS), Mounting, Swap, Quotas, LUKS encryption.
 - **Networking & Services:** FTP/SSH, Samba/NFS, DHCP/DNS, NTP, Firewall management
- **Servers & Services Expertise: -----**
 - **Web Servers:** Apache HTTP/HTTPS, Nginx, Tomcat, LAMP Stack, Varnish Cache
 - **Database Servers:** MySQL, MariaDB, Hadoop Single Node Cluster
 - **Directory & Authentication:** LDAP, FreeIPA, NIS
 - **Mail Servers & Webmail:** Postfix SMTP, Sendmail, SquirrelMail, RoundCube, Zimbra
 - **File & Storage Servers:** FTP, NFS, Samba (SMB), iSCSI
 - **Network Services:** DHCP, DNS, NTP, Proxy (Squid), Rsyslog (Centralized Logging)
 - **Configuration & Management Servers:** Puppet, Satellite Server, High Availability Cluster (PCS)
 - **Monitoring & Visualization:** Zabbix, Nagios, Prometheus & Grafana
- **Containerization & Version Control:** Podman, Git/GitHub.

Programming & Automation:

- **C Programming:** Core language for system-level programming, scripting, and tool development.
- **Bash Scripting:** Scripting for routine automation, Linux task management, and system administration

Virtualization & Tools:

- VMware, VirtualBox, MobaXterm, PuTTY, VSCode, MS Office.

Professional Experience:

Estate Manager (Administration with IT Support Exposure)

Metropolitan School | March 2015 – Present | Gorakhpur (UP)

- Managed overall estate operations including facility management (Housekeeping, Security & Maintenance), vendor coordination, and administrative documentation while gradually integrating IT responsibilities.
- Provided basic IT support including computer lab maintenance, printer setups, LAN/Wi-Fi troubleshooting, and system health checks.
- Performed routine tasks on a Linux-based local server (CentOS) such as taking backups, installing updates, and managing user accounts, developing hands-on Linux skills.
- Troubleshoot basic hardware and networking issues in coordination with external IT support vendors, building foundational IT problem-solving experience.
- Actively pursued self-learning in Linux, Bash scripting, and IT infrastructure through YouTube tutorials, virtual labs, and practical experimentation, preparing for a dedicated career in **Linux System Administration**.

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

GNIT (Software Engineering)

NIIT, New Delhi | 2009 – 2012 | Grade -A (80% or above) | Regular Mode | English Medium

Hands-on Linux & Automation Experience:

- Configured and deployed Linux services including Apache, Nginx, FTP, SSH, Samba, NFS, DNS, and DHCP.
- Performed complete LVM, RAID, Stratis, and VDO setup with disk partitioning, mounting, quotas, and LUKS encryption.
- Automated routine tasks, user management, backups, and service operations using Bash scripting and Crontab.
- Deployed Podman containers for application hosting.
- Hosted a static website on GitHub for practical version control experience.
- Managed server-level troubleshooting, package installation, and system updates via YUM/DNF.
- Developed multiple system-level programs in C to enhance understanding of operating system internals, automation, and infrastructure management, and published them on GitHub for practical exposure.
- Configured and monitored system logs using journalctl and rsyslog.
- Implemented alerts for CPU, memory, disk usage.
- Implemented firewall rules, SELinux policies, and user permissions.
- Performed system updates and patching to secure Linux servers.

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