

# AAYUSH GHISING

IT Engineer | Linux System Administrator | Cybersecurity Enthusiast

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## PROFESSIONAL SUMMARY

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Motivated IT Engineer with hands-on experience in Linux systems, networking, and system administration. RHCSA certified with a strong foundation in cybersecurity principles and currently expanding expertise in application penetration testing. Passionate about securing systems, solving technical challenges, and continuously upgrading technical skills to stay ahead in the cybersecurity field.

## PROFESSIONAL EXPERIENCE

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**IT Engineer** | Software Shark Tech Pvt Ltd | Dec 2025 – Present

- Manage and maintain Linux-based servers (RHEL/CentOS) ensuring high availability, uptime, and optimal performance across production environments
- Administer user accounts, groups, and permissions using role-based access control (RBAC) to enforce the principle of least privilege
- Monitor system health, CPU, memory, disk usage, and network performance using Linux CLI tools; proactively resolve bottlenecks before they impact operations
- Configure, manage, and troubleshoot network interfaces, firewall rules (firewalld/iptables), and routing tables to maintain secure and reliable connectivity
- Implement system hardening measures including disabling unused services, applying security patches, and configuring SELinux policies to reduce attack surface
- Automate repetitive administrative tasks using Bash shell scripts, improving team efficiency and reducing manual errors
- Perform regular system backups and validate restoration procedures to ensure business continuity and data integrity
- Coordinate and execute scheduled system upgrades, kernel patches, and software updates with minimal downtime
- Respond to and resolve Level 1 and Level 2 technical support tickets related to Linux systems, network connectivity, and application issues
- Document system configurations, standard operating procedures (SOPs), and incident reports to maintain an up-to-date knowledge base
- Collaborate with the development team to deploy and configure web applications on Linux servers, ensuring proper environment setup and service management
- Conduct basic vulnerability assessments on internal systems and assist in remediation of identified security weaknesses

## EDUCATION

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**Diploma in Computer Application** — Global Computer Training Center | 2080

**SEE (Secondary Education Examination)** — Sunrise English Boarding School | 2079

**SLC** — Manakamana Secondary English Boarding School | 2081

## CERTIFICATIONS

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**RHCSA** – Red Hat Certified System Administrator

## TECHNICAL SKILLS

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<b>Operating Systems</b>	Linux (System Administration, RHEL/CentOS)
<b>Networking</b>	TCP/IP Fundamentals, Network Configuration & Troubleshooting
<b>Cybersecurity</b>	System Hardening, Basic Security Practices, Application Penetration Testing (in progress)
<b>Tools &amp; Software</b>	Linux CLI Tools, Microsoft Office Suite
<b>Core Strengths</b>	Problem Solving, Analytical Thinking, Technical Troubleshooting

## **CURRENT LEARNING FOCUS**

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- Application Penetration Testing
- Web Security Fundamentals
- Vulnerability Assessment Techniques

## **CAREER OBJECTIVE**

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*To grow as a cybersecurity professional by applying practical system administration and security skills in a challenging environment while continuously learning advanced penetration testing and security defense techniques.*