

AMANDEEP SINGH

Linux Administrator | System Administration | Cloud & Containers
Bhopal, India • +91-8602241181 • amansenu10@gmail.com • [GitHub](#) • [LinkedIn](#)

PROFESSIONAL SUMMARY

Entry-level Linux Administrator with hands-on lab experience managing RHEL/CentOS and Ubuntu systems. Wrote 20+ Bash automation scripts, deployed 10+ Docker/Podman containers, and hardened multi-VM environments using SELinux, SSH controls, iptables, and firewalld. Provisioned and managed AWS infrastructure across EC2, S3, IAM, and VPC. Completed Forage Cybersecurity Job Simulation with focus on security monitoring and incident response.

TECHNICAL SKILLS

- **Linux Systems:** RHEL/CentOS 7/8, Ubuntu 20.04/22.04, Kali Linux — system admin, package management (yum/dnf/apt), systemd
- **System Administration:** User/group management, file permissions, ACLs, SUID/SGID, disk management (fdisk, df, du, mount)
- **Service & Process:** systemctl, journalctl, ps/top/htop, cron/crontab — service admin, monitoring, scheduling
- **Security Hardening:** SELinux enforcing mode, SSH key-only auth, fail2ban, SUID/SGID auditing, /etc/sysctl.conf kernel tuning
- **Firewall:** iptables (INPUT/OUTPUT/FORWARD, NAT), firewalld (zones, rich rules), UFW — network segmentation
- **Log Analysis:** /var/log/auth.log, syslog, secure, messages — grep/awk/sed pipelines, anomaly detection
- **Containerization:** Docker (Dockerfile, volumes, networking, compose), Podman (rootless) — 10+ containers deployed
- **Cloud (AWS):** EC2, S3, IAM (least-privilege, MFA), VPC, Security Groups — provisioning and access control
- **Scripting & Automation:** Bash — 20+ automation scripts; Python (basic scripting); Go (CLI tool development)
- **Networking & Tools:** TCP/IP, DNS, SSH; Wireshark/tcpdump basics; ip/netstat/ss; Git & GitHub

EXPERIENCE

Linux System Administrator — Independent Lab Practice | 2022 – Present

Designed and managed a self-built multi-VM lab on RHEL/CentOS and Ubuntu — built and maintained as production-grade environments.

- Enforced least-privilege across all systems — sudoers, ACLs, SUID/SGID auditing — reduced attack surface by 40%.
- Administered 15+ services via systemctl; diagnosed failures through journalctl and restored uptime with zero data loss.
- Locked down SSH on every system — root login disabled, key-only auth, AllowUsers restricted, fail2ban deployed.
- Deployed 10+ Docker containers and Podman pods — Dockerfiles, volumes, networking, docker-compose.
- Wrote 20+ Bash scripts for log parsing, health reporting, backups, and user provisioning — reduced manual time by 60%.
- Provisioned AWS infrastructure — EC2, S3 bucket policies, IAM least-privilege roles, VPC Security Groups.

PROJECTS

ReconForge — Bash Automation Pipeline • github.com/DaddyUchiha/reconforge

- End-to-end Bash pipeline: subdomain enum → alive filtering → directory fuzzing → JS extraction → API key scanning.

Gohunter — Go CLI Tool • github.com/DaddyUchiha/gohunter

- Concurrent Go CLI tool for subdomain enumeration and directory brute-forcing — goroutine worker pool, modular architecture.

403evasion — HTTP Research Tool • github.com/DaddyUchiha/403evasion

- Go tool for HTTP 403 bypass via header injection — demonstrates deep understanding of Linux web server behavior.

CERTIFICATIONS

Introduction to Cybersecurity Job Simulation — Forage | 2026

Industry-recognized virtual job simulation covering real-world cybersecurity analyst tasks.

- SOC Monitoring — investigated simulated security incidents, triaged alerts, and identified indicators of compromise.
- Penetration Testing — performed structured offensive security tasks including reconnaissance and vulnerability identification.
- Phishing Analysis — examined phishing emails, identified malicious indicators, and documented findings for incident reporting.

EDUCATION

B.Com — Sadhu Vaswani Autonomous College, Bhopal 2019–2022

Higher Secondary (Science) — Sanskar Public High School, Bhopal 2018

ADDITIONAL

Languages: English (Professional), Hindi (Native) • **Availability:** Open to on-site, remote, or hybrid roles •

Interests: Linux automation, system hardening, containerization, cloud infrastructure, open-source tooling