Cody Waller
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Summary

Senior Linux Systems Engineer with a goal of working with Linux systems that includes a focus on automation and problem solving. A proven track record of fast solutions, great attention to detail and excellent technical acumen.

Skills

- Linux systems – diagnostics, data parsing, scripting, automation
- Programming: Python, Bash shell, Powershell, CSharp
- Cloud Platforms: Azure, O365, Gsuite
- Admin: AD/GPOs, SQL, Apache, Nginx, RAID, Ceph, ZFS, LVM, Ansible
- Virtualization: vmWARE, Proxmox, XenServer, Citrix/VDI, Docker
- Databases: SQL/Express, PostgreSQL, SQLite, FileMaker Programming
- Networking: NAT, Routing, VLANS, VPNs, Packet capture and diagnostics
- Firewalls: Fortinet, Sonicwall, iptables, and pfSense

Experience

ChiNetworks – Sr. Linux Systems Engineer / DevOps (Remote) (10/2021 – 02/2024)
-Build cloud infrastructure to ensure up-time via redundancy/fail-over.
-Build custom reverse tunnel VPNs for deployed systems under remote NATs.
-Build infrastructure automation code to remove simple tasks from our techs.
-Build APIs and API bridges for unrelated systems to communicate.
-Performance tuning in hypervisor clusters.
-Solve escalated L1 issues such as misconfigured Firewall/NAT/Routes, VPN, DNS, Switches/VLANs.

VitalTech Solutions – Systems Administrator (Remote) (12/2019 – 10/2021)
-Managed O365 user accounts, licensing, security, and groups.
-Administered Azure AD and cloud infrastructure, with management of SharePoint environments.
-Deployed and configured Intune for automated device provisioning, management, and compliance enforcement.

Illini Media Company – Systems Administrator (Remote) (12/2015 – 02/2024)
-Designed system architecture during server room build out.
-Designed a dual file server system using snapshots, enabling a 15-minute recovery from a ransomware attack without needing cloud recovery.
-Managed LAN, WAN, DMZ, and VPN security and infrastructure.
-Automated system backups to prevent data loss.
-Managed web servers hosting WordPress.
-Ensure system critical up-time, reducing single points of failure.
-Administered Active Directory, ACL, RADIUS, file servers, and DNS.
-Maintained user accounts, group polices, and assign file permissions.

Comcast – Network Tech (Remote) (01/2012 – 12/2015)
-Corrected RF conflicts with channel overlaps or unsupported encryption.
-Set NAT rules and associated devices IP address reservations.
-Was a very highly rated technician among peers, ranked in 90th percentile.

Benchmark Computers –Desktop Support (Champaign, IL) (01/2010 – 12/2014)

-Performed Windows support, troubleshooting, and PC repairs for retail customers.
-Provided tech support in-store and remotely for software and hardware issues.
-Provided in-depth technical support in malware removal and system optimization.
-Handled data recovery from failing drives.

Certifications
CompTIA Network+ | CompTIA Security+