

PROFESSIONAL SUMMARY

Linux systems engineer and data analyst with 17+ years in production operations and infrastructure engineering, rising to Distinguished Engineer at Verizon Wireless. Expert in deploying, hardening and automating large-scale RHEL and Ubuntu environments across OpenStack, Kubernetes and OpenShift. Builds full-stack ETL and monitoring solutions in Python (Pandas) and SQL that turn raw system and business data into dashboards and decisions. MBA and MS in Information Systems; a clear communicator who trains teams, partners with InfoSec and owns outcomes.

CORE STRENGTHS

- Linux administration:** RHEL/Ubuntu at scale, OS hardening, patching, kernel & platform upgrades
 - Automation:** Ansible, Bash, Python, CI/CD pipelines, self-service deployment tooling
 - Platforms:** OpenStack, Kubernetes, OpenShift, Docker, Proxmox VE
- Data analysis:** Python (Pandas), SQL (MySQL, PostgreSQL), ETL, log analysis
 - Visualization:** Grafana, Highcharts, Nagios operational dashboards
 - Business:** pricing analysis, scheduling, client relations, MBA-level finance & strategy

WHAT I BRING THAT AI CAN'T REPLACE

Judgment under pressure Go/no-go and rollback calls on live carrier platforms; zero unexpected downtime.	Accountability Authored and owned the MOPs and SLAs behind production change.	Cross-functional influence Aligned security, dev, transport and vendor teams on one plan.
Teaching & mentoring Designed and led team training in Python, Bash and automation.	Ethics & governance Compliance, encryption and responsible data handling.	Empathy & client care Personally manage every guest relationship for a vacation rental.

PROFESSIONAL EXPERIENCE

- Senior Systems Engineer & Property Operations • Sprig Investments, Ingram, TX

12/2024 – Present

 - Run Proxmox VE virtualization with Ubuntu Server guests; designed OpenMediaVault storage with automated backups; secured the network with Pi-hole DNS filtering; integrate self-hosted services and smart-home infrastructure.
 - Manage a short-term vacation rental end to end: set nightly pricing from occupancy, seasonality and market data; own the calendar and schedule guests, cleaners and maintenance.
 - Handle all guest communication from inquiry to review, and keep listing photos, descriptions and amenities current across booking platforms.
- Distinguished Engineer, Network Engineering • Verizon Wireless, Southlake, TX

12/2023 – 12/2024

 - Led the large-scale migration and containerization of critical 4G virtualized infrastructure to a 5G web-scale OpenShift/Kubernetes environment, ensuring high availability and horizontal scalability.
 - Used Ansible and CI/CD pipeline automation to automate builds and migrate legacy workloads off OpenStack, sharply reducing manual deployment overhead.
 - Architected centralized system-health dashboards with Nagios, Grafana, Highcharts and Python (Pandas) ingesting log data, letting a lean team monitor a massive distributed footprint.
 - Partnered with security and cross-functional stakeholders on OS hardening, system encryption and regulatory compliance.
 - Built a culture of engineering excellence by designing and leading training in Python, Bash and modern automation principles.

- Managed operations and infrastructure health across 3 large-scale, high-concurrency production systems; executed kernel and platform upgrades from OpenStack 1.x to 2.x on new hardware.
- Developed, validated and documented Methods of Procedure (MOPs) standardizing upgrades, patches and maintenance, with zero unexpected downtime.
- Debugged low-level OS, storage and networking issues with development and transport teams to optimize and secure critical data transfers.

- Administered hundreds of RHEL and Ubuntu servers in complex, high-availability production environments for over a decade.
- Designed web-based operational tools in Python, Bash and MySQL to streamline operations and automate secure intranet data sharing.
- Automated health checks, backups and storage/volume management in high-concurrency virtualized environments (Net-IoT, SCEF, MTC Core).
- Launched and maintained commercial production platforms with engineering, product and transport teams under strict SLAs.

TECHNICAL SKILLS

Operating Systems	Red Hat Enterprise Linux, CentOS, Ubuntu, Windows, macOS
Data & Analytics	Python (Pandas), SQL, MySQL, PostgreSQL, ETL, Grafana, Highcharts, log analysis
Automation & Config	Ansible, Puppet, Git, GitHub, GitLab CI/CD, Active Directory
Programming	Python, Bash, Perl, PHP, JavaScript
Cloud & Orchestration	Kubernetes, Red Hat OpenShift, OpenStack, Proxmox VE, Docker, AWS (EC2, S3, IAM, VPC), GCP
Networking & Storage	TCP/IP, DNS, DHCP, firewall management, SAN/NAS, OpenMediaVault
Security & Compliance	OS hardening, SSL/TLS encryption, Okta, regulatory compliance frameworks
Monitoring	Nagios, Grafana, application & infrastructure monitoring

PORTFOLIO

- Live USGS streamflow dashboard putting current conditions against 85 years of daily records: percentile bands, flow-duration curve, wet/dry heatmap and Mann-Kendall trend testing, built in JavaScript on the USGS Water Services API.

EDUCATION

Master of Business Administration (MBA)	Stevens Institute of Technology, Hoboken, NJ
Master of Science, Information Systems	Stevens Institute of Technology, Hoboken, NJ
Bachelor of Science, Computing & Software Systems	University of Washington, Bothell, WA