

Drake Lair

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PROFESSIONAL PROFILE

Experienced Systems Engineer with Expertise in Designing, Developing, & Deploying Infrastructures & Systems to Achieve Goals

Areas of Expertise:

- ✓ Strategic Planning
 - ✓ Solutions Development & Implementation
 - ✓ Project Management
 - ✓ Process & Performance Improvement
 - ✓ Risk & Change Management
 - ✓ Best Practices & Quality Control
 - ✓ Business & Requirements Analysis
 - ✓ Communications & Relationship Management
 - ✓ Infrastructure Design & Deployment
 - ✓ Disaster Recovery Planning
 - ✓ Cost Optimization & Reporting
- Accomplished and incisive IT professional with broad-based expertise providing vision, strategy, and leadership to support the development and delivery of high-profile products, platforms, and applications.
 - Background demonstrates success overseeing the development of robust IT infrastructures while leading change and risk management initiatives.
 - Possess the proven capability to define and implement strategies and best practices to optimize performance and productivity.
 - A growing leader and solution provider with the skill to transition objectives into actionable plans, cultivate key relationships with internal and external business partners, and influence at all levels.

PROFESSIONAL CHRONOLOGY & ACCOMPLISHMENTS

Newfold Digital, Remote ▪ 2021 - Present

Systems Engineer (2021 – Present)

A leader in company cloud governance providing cost savings, reporting, and architecting new platforms. Additional responsibilities included the integration of newly acquired properties into standardized platforms. Also a contributing member of companies CCoE providing valuable insights and expertise.

KEY ACHIEVEMENTS:

- **Led company cloud savings initiatives** across AWS organization through the use of tiered savings plans, rightsizing directives, and mass-audit of unused/underutilized systems. Captured cost savings of over 30% on our monthly cloud operating expenses.
- **Planned and executed corporate DNS migration** from NS1 to Cloudflare with no downtime or business interruptions. Resultant consolidation of DNS services under single organization enabled cost savings and increased speed of cross-team access of company wide DNS assets.
- **Post-merger integration** of over 100 AWS accounts under a new corporate organization and deployment of Cloudformation StackSets to unify policies, access requirements, and accounting.

Endurance International Group, Austin, Texas 2015 - 2021

Systems Engineer(2020 – 2021)

Systems Architect (2016 – 2020)

Junior Systems Architect (2015 – 2016)

Served as an integral member of an international team of engineers charged with designing and maintaining new and established platforms. Teamed with cross-functional staff to maintain the existing infrastructure and lead the integration of new acquisitions into existing technologies.

KEY ACHIEVEMENTS:

- **Architected and built resilient** storefront clusters with geo-location load balancing for numerous brands within the organization. As well as leading scaling efforts during times of anticipated traffic increases.
- **Migrated companies DNS provider** from Dynect to NS1 utilizing programmatic migration process resulting in zero downtime and no interruption to business functions. As well as diversifying high-stake properties through the use of distributed DNS providers.

- **Continued development and improvement of in-house backup system** for legacy and LTS brands. Resulting in improved reliability and streamlining restoration process of customer assets from the backup solution.
- **Streamlined and automated** company PCI audit process to enable consistent and accurate results of audited system. Observing and maintaining all PCI DSS requirements while providing concise evidence required by internal auditing teams.
- **Code launches on sensitive systems** and their support while adhering to all compliance standards and change management. As well as maintaining and supporting development teams and deployment tools.

HOSTGATOR, Austin, Texas ■ 2012 - 2015

Linux System Administrator II (2014 – 2015)

Linux Phone Administrator (2013 – 2014)

Linux System Administrator I (2012 – 2013)

A valued member of a fast-paced customer technical support team handling a wide-range of software and systems. A mentor to the team providing internal support and guidance to all team members.

KEY ACHIEVEMENTS:

- **Administered hardware, software, and OS upgrades;** teamed with data center and networking staff to configure, troubleshoot, and maintain the highest service quality.
- **Maintenance and improvement** of internal company tooling to enable faster resolution of common or recurring issues.
- Maintained the **highest operating and service levels** while maximizing client satisfaction by identifying and resolving technical issues and in some cases calling the customer to break down communication barriers.

TECHNICAL SKILLS

Specialties: Resilient, Scalable, Highly Available systems design; Cloud Governance and Architecture;

Compliance Experience: PCI; SOX

Programming Languages: Perl; PHP; Bash; and SQL

Operating Systems: CentOS; RHEL; Debian; Ubuntu; and Gentoo

Virtualization: QEMU/KVM; and HyperV

Container Orchestration: Kubernetes; Openshift; and GKE

Containers: Docker; and OpenVZ

Cloud Technologies: AWS; GCP; Azure; and OCI

Storage Technologies: ZFS; Btrfs; megaraid; and mdadm

Web Technologies: Apache; Nginx; Lighttpd; Memcached; and Varnish

Databases: PostgreSQL; Redis; Percona; Galera; MariaDB; and MySQL

Automation: Terraform; Cloudformation; Puppet; Ansible; Github; and Bamboo

Monitoring & Logging: Zabbix; Graylog; and Logrhythm