

SEAN COREY

Senior Infrastructure / DevOps Engineer

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SUMMARY

Senior Infrastructure / DevOps Engineer with 20+ years of experience administering and modernizing production Linux infrastructure. Extensive background in large scale hosting, high availability systems, automation, security and compliance, and production incident response. Software development experience in Perl, PHP, JavaScript, SQL, and shell scripting provides full stack troubleshooting capability from infrastructure through application code.

CORE SKILLS

Linux: Debian, CentOS/RHEL, Ubuntu, Solaris, HP-UX, AIX, FreeBSD | **Web:** Apache, Nginx, DNS, SSL/TLS | **Databases:** PostgreSQL, MySQL/MariaDB | **Development/Scripting:** Perl, PHP, Bash/Shell, JavaScript, SQL | **Infrastructure:** VMware, AWS, NFS, GlusterFS | **Operations:** PCI DSS, monitoring, performance tuning, vulnerability remediation, incident response

EXPERIENCE

Senior DevOps Engineer, Thundercloud Management, Inc. - Remote

February 2016 - Present

- Administer and support production Linux infrastructure spanning approximately 265 servers across physical, virtual, VPS, and AWS environments.
- Migrated the entire production fleet from CentOS 7 to Debian 11 & 12 with zero downtime, while modernizing the hosting architecture to Nginx front ends, Apache application servers, and tiered NFS/GlusterFS storage.
- Maintain servers in a PCI DSS compliant production environment, reviewing vulnerability scan findings, performing remediation, and validating successful resolution.
- Troubleshoot complex production issues across Linux infrastructure and application stacks, including 24/7 on call incident response.
- Develop administrative and automation tooling using Bash/Shell, Perl, PHP, and SQL to simplify repetitive administration tasks.
- Manage the full server lifecycle, including provisioning, configuration, upgrades, monitoring, migrations, and decommissioning.

Web Developer, Onpoint Media – Remote

January 2012 - April 2022

- Developed and maintained approximately 250 websites and custom applications using PHP, MySQL, JavaScript/jQuery, HTML, and CSS.
- Built custom applications, administrative tools, REST APIs, service integrations, and automation/data processing tools.
- Administered and troubleshoot LAMP, and DNS infrastructure, diagnosing performance issues across application code, databases, web servers, and operating systems.

Linux / Network Administrator, NetAtlantic, Inc. - Salem, MA

2009 - 2011

- Administered high availability Linux infrastructure for an email service provider, supporting approximately 50 physical and 100 virtual servers.
- Administered StrongMail enterprise messaging systems supporting large scale transactional and bulk email delivery, with individual campaigns regularly exceeding one million messages.
- Performance tuned heavily utilized PostgreSQL databases supporting high volume messaging systems, including query analysis, indexing, optimization, maintenance, and troubleshooting.

UNIX / Linux Operations Engineer, *Fidelity Investments - Merrimack, NH* 2007 - 2008

- Provided Level 2 operations support for live, low latency stock market data infrastructure spanning approximately 2,150 production and failover servers across three sites.
- Monitored and troubleshot time sensitive production systems, investigating infrastructure, application, and data delivery issues while coordinating incident resolution with infrastructure and data teams.

Information Technology Administrator, *GraphOn Corporation – Concord, NH* 2006 - 2007

- Administered and troubleshot diverse IT and QA environments including HP UX, IBM AIX, Solaris, SGI/IRIX, RHEL, CentOS, and other Linux/UNIX platforms.
- Installed, configured, upgraded, and troubleshot operating systems, networking, DNS/DHCP, applications, and infrastructure used for product development and cross platform compatibility testing.

EARLIER EXPERIENCE

Plymouth State University - IT Security Intern / PC-Clearing Project Team / Help Desk, 2004-2006

Penn State McKeesport - Computer Center Help Desk Associate, 2003-2004

New Hampshire Technical Institute / Axcelis Technologies - Technical Roles, 2001-2003

EDUCATION

B.S. Information Technology, Minor in Business Administration *Plymouth State University*

A.S. Computer Information Systems, Networking Specialization *New Hampshire Technical Institute*