

Nate Schmoll

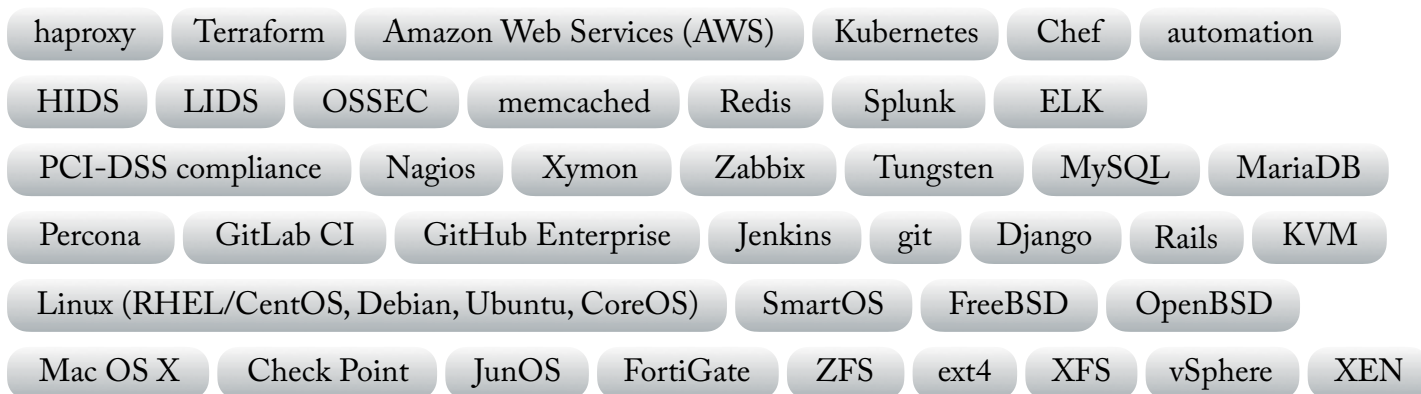
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Creative DevOps, Site Reliability & Systems Engineer with a focus on tooling & security

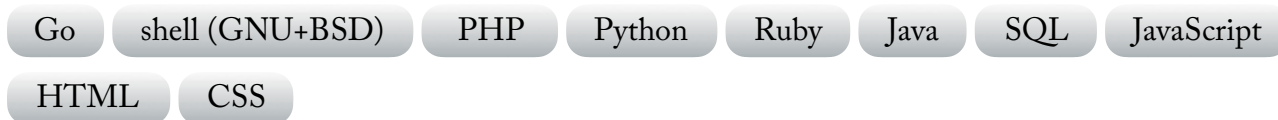
Objective

My troubleshooting skills from the bottom to the top of the stack have positioned me to obtain a role as a Site Reliability Engineer, DevOps Engineer, or Systems Engineer of Linux, BSD, or other UNIX-like systems in a production environment. In addition, my background in PCI-DSS compliance and security tooling positions me to execute my skills with best practices for modern security.

Skills



Development Languages



Experience

2018 - present Subsplash Seattle area, WA (remote)
Sr. Site Reliability Engineer

- Manage infrastructure for multiple platforms to ensure availability
- Increase visibility into existing processes and systems via metrics gathering and easy-to-understand visuals
- Counsel developers and engineers with challenging questions, helpful solutions, and best practices
- Ensure secure and PCI-DSS-compliant environment for financial transactions

1998 - present Schmoll Systems Seattle area, WA (remote)
Principal

- Develop groundbreaking systems management software utilizing the Go programming language
- Work with other professionals in related fields to complete projects

2016 - 2018 **Salesforce.com (Pardot)** **Seattle area, WA (remote)**

Site Reliability Engineer, Lead Member of Technical Staff

- Ensured applications remain available and performant to all users
- Followed site reliability processes for maximum consistency, stability, and performance
- Developed new processes to ensure communication occurs efficiently
- Conducted postmortems to uncover gaps

2016 **CloudPassage** **Seattle area, WA (remote)**

Sr. DevOps Security Engineer

- Ensured systems were compliant with various industry standards
- Automated various aspects of the environment to meet FedRAMP requirements
- Assisted with bringing dozens of internal services into a single user provisioning process
- Maintained and enhanced Chef server and client configurations for consistency in hosting environments
- Facilitated migration of various services from one cloud provider to another

2015 - 2016 **Salesforce.com (Pardot)** **Seattle area, WA (remote)**

Infrastructure Security Engineer

- Ensured systems are compliant with Salesforce Trust standards
- Deployed new tools to assist with the detection and remediation of vulnerabilities in the hosting environment
- Implemented processes for ensuring changes do not degrade the trustedness of the hosting environment
- Managed centralized host-based firewall control system
- Researched proposed changes in the environment to evaluate security impact, collaborating with teams throughout the engineering & development organization

2013, 2014 - 2015 **Salesforce.com (Pardot)** **Seattle area, WA (remote)**

Sr. Systems Engineer

- Worked with dynamic environment heavily influenced by developers
- Developed long-term systems management policies and strategies
- Managed environment with heavily automated deployment infrastructure using Chef
- Met the needs of developers deploying code to production multiple times per day
- Built a highly-available infrastructure designed with fault tolerance at every step
- Brought a diverse hosting operation into a managed, policy-based service environment
- Utilized DevOps strategy to simultaneously further the product and enhance the environment

2013 - 2014

Subsplash

Seattle area, WA

Sr. Systems Engineer

- Managed internal network and systems
- Built package to easily add install and manage workstations
- Migrated core internal assets from shared third-party file hosting solution to internal ZFS-based system
- Collaborated with various teams to migrate CRM systems

2012 - 2013

ServiceNow

Kirkland, WA

Performance Engineer

- Troubleshoot production application performance issues
- Researched database performance improvements for thousands of MySQL database engine instances
- Tested various hardware combinations for optimal price-performance business return

2011 - 2012

Apptio

Bellevue, WA

Sr. Datacenter Engineer

- Managed monolithic Java-based application in Linux-based production environment
- Responded to P1 outage issues
- Troubleshoot client issues

2007 - 2011

Concur Technologies

Redmond, WA

UNIX Systems Engineer II

- Deployed and managed more than 100 Red Hat Enterprise Linux systems supporting diverse functionality, all within a two-person team
- Supported development team and data mining initiative with deployment and maintenance of a heavily-loaded Hadoop cluster
- Managed Active Directory deployment in 1300-server, multi-site environment
- Identified repeatable internal processes and automated them with advanced shell scripting
- Represented several projects and teams on the internal Change Control Board (CCB)
- Built a centralized, enterprise-class VMware-based virtualization environment
- Mentored coworkers during physical-to-virtual project that virtualized 80% of the 1200-server environment
- Implemented monitoring strategy and tools for unified management of Linux and UNIX systems
- Ensured Linux and UNIX systems interoperability within the majority-Windows environment
- Worked with security team to ensure Linux and UNIX compliance with Payment Card Industry Data Security Standards (PCI DSS)
- Supported automated data interchange processes with thousands of clients and vendors
- Developed PHP and PostgreSQL-based web applications supporting internal client support users
- Assisted with configuration of Hitachi SAN for off-site disaster recovery replication

2004 - 2005

Breakwater Security Associates

Seattle, WA

Network Security Engineer

- Single-handedly pioneered an internal migration from Microsoft Exchange 5.5 to Exchange 2003
- Assisted clients with system modifications and updates
- Responded to network and system outages under strict Service Level Agreements

Education

2005 - 2008

University of Washington

Bothell, WA

Attained Bachelors of Science in Computing & Software Systems

2003 - 2005

Cascadia Community College

Bothell, WA

Attained Associate's Degree