

# Nate Schmoll

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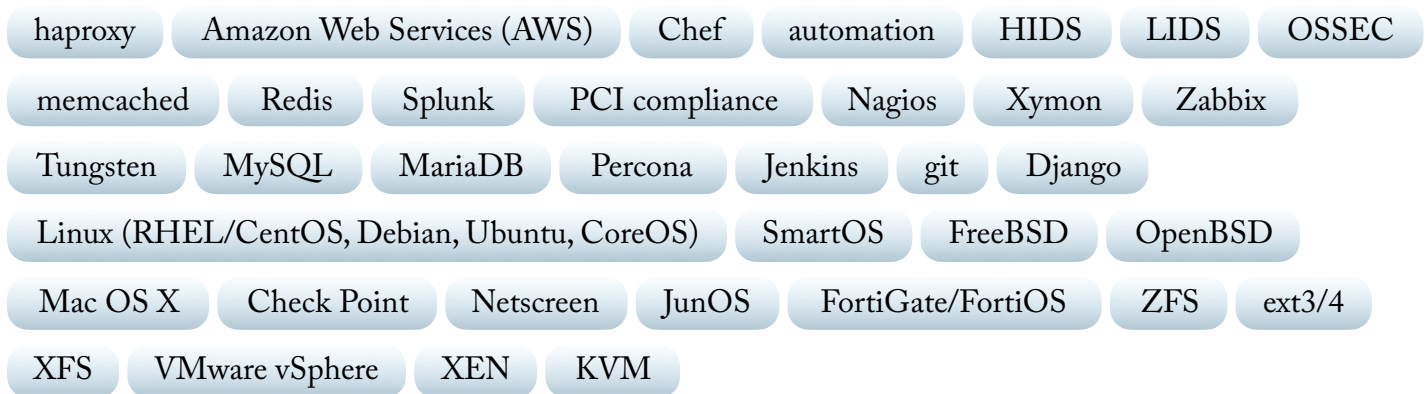
*Creative DevOps, Site Reliability & Systems Engineer with a focus on tooling & security*

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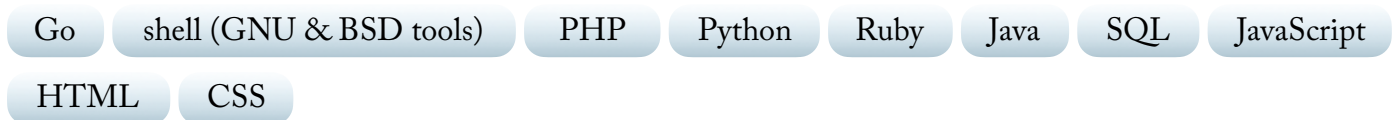
## Objective

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 compliance and security tooling positions me to execute my skills with best practices for modern security.

## Skills



## Development Languages



## Experience

2016 - present                      Salesforce.com (Pardot)                      Seattle area, WA (remote)  
*Site Reliability Engineer, Lead Member of Technical Staff*

- Ensure applications remain available and performant to all users
- Follow site reliability processes for maximum consistency, stability, and performance
- Develop new processes to ensure communication occurs efficiently
- Conduct postmortems to uncover gaps

1998 - present                      Schmoll Systems                      Seattle area, WA  
*Principal*

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

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

*Sr. DevOps Security Engineer*

- Ensure systems are compliant with various industry standards
- Automate various aspects of the environment to meet FedRAMP requirements
- Assist with bringing dozens of internal services into a single user provisioning process
- Maintain and enhance Chef server and client configurations for consistency in hosting environments
- Facilitate 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*