

Andrew vonderLuft

SYSADMIN / SRE / DEVOPS

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United States

Profile

Creative thinker with broad experience developing and deploying dependable I.T. solutions

Roles

SysAdmin / SRE

Automation of everything for resilience and repeatability

Software Developer

Effective applications to delight users and maintainers

I.T. Manager

Strategic decision-making and collaborative oversight

Skills

<i>Design & Develop</i>	<i>Admin & Config</i>	<i>Automate & Integrate</i>	<i>Monitor & Discover</i>
Ruby ecosystem, Rails	Linux CLI, bash, zsh	Docker, Kubernetes	ELK Stack, Kafka, Zookeeper
RSpec, Minitest	Terraform, Ansible	Jenkins, Travis	Cerebro, Graphite, Grafana
Git, Subversion	Chef, Puppet	Github Actions	Prometheus, Lens, Rancher
Github, Bitbucket, Gitlab	Apache, Nginx, Caddyserver	Buildkite, Capistrano	CloudWatch, CloudTrail
MySQL, Postgres, SQLite	Basecamp, Jira, Redmine	AWS console, CLI & APIs	Nagios, Sensu, Monit
Redis, JSON, YAML, XML	kubectl, eksctl	API integrations	Splunk, NewRelic

History

[Excella Inc. - https://www.excella.com/](https://www.excella.com/)
Senior Consultant, DevOps Automation

October 2022 - present

- Configure, deploy and monitor CI/CD pipelines
- Implement process automation with ruby and bash
- Automate certificate renewal and installation on EKS
- Create and maintain Docker images and Kubernetes deployments
- Configure and scale AWS resources with Terraform and Ansible
- Provide regular updates on AWS resource using ruby SDKs, Docker and Jenkins
- Diagnose and remediate CVEs, performance issues, and system outages

[37signals, LLC - https://37signals.com/](https://37signals.com/)

Feb 2022 - Aug 2022

Senior Site Reliability Engineer

- Configure, deploy, manage and monitor entire SaaS infrastructure
- Automate heretofore manual processes with ruby programs
- Write extensive documentation of procedures for optimal knowledge sharing
- Triage, analyze and remediate performance degradations and system outages

[iovation Inc./TransUnion - https://www.iovation.com](https://www.iovation.com)

Jan 2018 - Feb 2022

Senior Service Reliability Engineer

- Configure, deploy and manage 1000+ nodes with Puppet
- Design and build out ODFE Elasticsearch clusters
- Craft automated utility programs with ruby and bash
- Automate processes using APIs (e.g. AWS, Bitbucket, Slack, Rundeck)
- Develop program test suites, primarily with Rspec
- Automate maintenance processes with cron, Docker and Kubernetes
- Integrate solutions into automated build pipelines with Jenkins
- Automate monitoring of processes and nodes with Puppet and Sensu
- Perform root cause analysis of systems performance degradations
- Discover performance anomalies using Kibana, Grafana, et al.
- Configure and administer Git SCM (Bitbucket), CI and deploy tools
- Automate processes for SOC2 and GDPR audit compliance
- Document all automation procedures for optimal knowledge sharing
- On-call rotation for mitigation of production issues

[Renew Financial - https://renewfinancial.com](https://renewfinancial.com)

Jan 2015 - Nov 2017

DevOps Engineer III

- Automate, integrate and manage software deployment lifecycle
- Configure and manage continuous integration tools and build systems
- Provide system resources to Software Development and QA teams
- Maintain internal systems to maximize automation and repeatability
- Monitor and optimize systems and application performance
- Ensure secure operation and configuration of all technical infrastructure

[Con-way - https://www.xpo.com](https://www.xpo.com)

Apr 2002 - Jan 2015

Senior Software Engineer

- Design, configure and deploy new corporate web infrastructure
 - Configure web application components including Apache, Nginx, Passenger, Bundler, MySQL, DNS
 - Develop and extend internal and external websites using Ruby, Rails, Redmine and RadiantCMS
 - Configure and manage Source Control Management using Subversion and Git
 - Mentor I.T. staff in use of development tools and technologies
 - Implement XML web services for Rate Requests, Bills of Lading, et al.
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[Con-way - https://www.xpo.com](https://www.xpo.com)

Dec 1999 - Apr 2002

Manager of Information Architecture

- Oversee staff of over 20 to manage network infrastructure for over 400 locations
- Prepare and present detailed proposal, including ROI, for change to thin client architecture
- Research, select and deploy thin client network solution for all company locations
- Facilitate communication and collaboration between technical staff and executives

[Con-way - https://www.xpo.com](https://www.xpo.com)

Feb 1996 - Dec 1999

Senior Systems Analyst

- Research, implement and maintain logistics operations software for new business line
- Prepare and present design and implementation plans to VP levels
- Provision and configure operations servers and network
- Write and execute complete data conversion to new operations software
- Administer Windows NT and Unix servers
- Teach front-end staff software usage for operations

[AVLUX Enterprises, LLC - https://avlux.net/](https://avlux.net/)

Jul 2000 - present

Principal

- Oversee operations for homegrown hosting company
- Systems and software setup and configuration
- Administer servers, monitoring and backup

[Pacific Data Group - http://www.comsys.us/](http://www.comsys.us/)

Mar 1995 - Feb 1996

Systems Analyst (Contractor)

- Lead Analyst for Order Entry Systems - code, test and QA
- Job flow dependency analysis and tuning
- On-call support

Projects[Occams CMS - https://github.com/avonderluft/occams#Occams](https://github.com/avonderluft/occams#Occams)

2023 - present

Owner and primary committer of an inherited a Rails-based CMS

[AWS Utils - https://github.com/avonderluft/aws_utils#aws-utils](https://github.com/avonderluft/aws_utils#aws-utils)

2020 - present

Ruby rake tasks to query AWS resources

[RadiantCMS - https://github.com/radiant/radiant](https://github.com/radiant/radiant)

2008 - 2019

Core committer for a Rails-based, no-fluff, open source CMS

Education [Reed College - https://www.reed.edu/](https://www.reed.edu/), Portland, OR U.S.A
1977 - 1981
B.A. Classics
[Western Seminary - https://www.westernseminary.edu/](https://www.westernseminary.edu/), Portland, OR U.S.A
1995 - 1996
Exegetical Theology

<i>Languages</i>	Ruby Delighted devotee	Bash Proficient	Go Acquainted
	PHP Avoid if possible	Javascript Conversant	Java, C# Conversant
	C, C++ Acquainted	Python Acquainted	Perl Acquainted

Links [github - https://github.com/avonderluft](https://github.com/avonderluft)
[rubygems - https://rubygems.org/profiles/avonderluft](https://rubygems.org/profiles/avonderluft)
[linkedin - https://www.linkedin.com/in/avonderluft/](https://www.linkedin.com/in/avonderluft/)

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