Michael
Lustfield

Sr. DevOps Engineer

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Key skills

Automation: SaltStack, Ansible, Chef, Docker
OS: Debian/Ubuntu, Redhat, Windows, Apple, AIX
Virtualization: ESXi, LXC, KVM, VirtualBox, Vagrant
Frameworks: Drupal6-8, Bottle, Flask, Pelican, Django
Languages: Python, Bash, PHP, SQL, VB/C#.net, Perl
Networking: VRRP/CARP, Cisco iOS, DNS, LACP, VPN
VCS: Git, Mercurial, SVN
Misc.: Documentation

Certifications

SSCE - Saltstack Certified Engineer
GCP - Professional Cloud Architect
CITI - Cancer GCP
CITI - Investigators HSR
CITI - IRB HSR
CITI - Cancer HSR

Education

2010, **Dakota State University**
BA, Business & Computer Information Systems
Minors: Networking ; Network Security

Summary

Driven IT nerd with a passion for challenging problems; experienced with:
- Enterprise environments including Juniper Networks and Sony Pictures
- Release management; Development (Python, Bash, PHP, Perl, etc.)
- Cloud technologies (GCP, Linode); Automation (Salt, Ansible, Chef)

Career Highlights

Senior Devops Engineer (Consultant) / *Taos Mountain*
Jul 2015 – Present

[**Juniper Networks** – Oct 2018 – Apr 2020]
- Resolved ansible performance issues reducing run time by over 80%
- Refactored automation to reduce failure rates by over 90%
- Wrote CI tests to completely eliminate manual testing
- Developed tools to scan for and resolve security concerns

[**Suitable Technologies** – Jul 2016 – Aug 2018]
- Refactored an authentication patch allowing critical upgrades
- Wrote patches to support and migrate to redundant services
- Identified and eliminated significant security concerns

[**Sony Pictures Entertainment** – Jul 2015 – Jun 2016]
- Migrated RHEL license management to a Satellite server
- Wrote Chef recipes to apply selected CIS hardening recommendations
- Supported standard system administration activities

Senior System Administrator / *Good Samaritan Society*
Feb 2011 – Mar 2016

- Managed servers across more than 300 remote facilities
- Took charge during catastrophic failure, restoring business function
- Audited and wrote patches for financial and healthcare software
- Refactored scripts reducing execution time from weeks to under a day
- Supported many migrations including Active Directory, Exchange, XIV
- Introduced DLP for all web-based traffic

Volunteer

Avera Oncology IRB
- Reviewed studies to ensure human subjects were properly protected
- Became familiar with industry standards and regulations (OHRP, HIPAA)

Debian Linux
- Obtained 'Debian Developer, uploading' status in 2015
- Joined "ftpteam", reviewing packages for inclusion in the archive
- Uploaded new packages to Debian build system
- Reviewed and sponsored packages for prospective Debian Developers

Ubuntu Linux
- Obtained 'Ubuntu Member' status in 2009
- Developed infrastructure for Local Community groups
- Worked with Canonical to resolve legal concerns
- Contributed content to the Ubuntu News and Website teams

Nginx Web Server
- Built, packaged, and distributed the Nginx web server packages
- Deployed and managed servers and software for community projects
- Served as a community Point of Contact