

Teale Sloterdijk

CAREER SUMMARY

A Senior Systems Engineering/Administrator with over ten years of experience seeking a Systems Centric position. Versatile skill set includes Security, Network, Systems, Cloud, DevOps and Storage with both an engineering and administration mindset. Adept at stabilizing and improving existing infrastructure, while streamlining growth based on efficiency, resources, and cost. Underlying these skills is a flexible, adaptable, hands-on, analytical professional that likes to collaborate and is passionate about technology.

SKILLS

Security

Monitoring (Nagios, ELK, Graylog, AlienVault, Splunk), Vulnerability Assessment and Management (Nessus, OpenVAS, Securesystems, Metasploit), System Forensics (Blackarch, Caine, Kali, pentoo, guymager, autopsy), Endpoint Protection (Symantec, Cylance), Firewalls (Palo Alto, PFSense, UFW, IPTABLES), VPN (openVPN, GlobalProtect, ReadyConnect)

Administration

Windows (XP, Vista, 7, 8, 10, Server 2003, 2008, 2008R2, 2012R2, 2016), Red Hat (5, 6, 7), CentOS (5, 6, 7), Ubuntu (10, 12, 14, 16, 18 20), Slackware (10, 12), Oracle Enterprise Linux (6,7), Network Diagnostic Tools (netcat, tcpdump, wireshark, HP AirWave, telnet, nmap, arpscan), MacOS, Apple IOS, Cisco IOS, HP IOS, Adtran IOS, ArubaOS, Gentoo, Debian, Arch, Linux From Scratch, NetBSD, FreeBSD, Cloud centric tools (terraform, terragrunt, ansible)

Cloud/Hypervisors

AWS, Azure, Digital Ocean, Alienvualt, Docker, Kubernetes, VMWare, HyperV, Xenserver, Proxmox, QEMU, LXC, KVM, AWS centric tools: lambdas, ECS, Fargate, EC2, RDS, Elasticache, Lambda, SQS, IAM, APIGW, Route53, VPC, ELB

Protocols

Video Streaming Protocols (RTMP, RTSP, RTP), Networking Protocols (DNS, DHCP, IP, UDP, TCP, NTP, SNMP, CDP, ADP), Electronic Communication (I2C, SPI, Serial, TTL, GPIO), Remote Storage Protocols (NFS, ISCSI, SSHFS, SAMBA, DRBD)

Software

Load balancers (HAProxy, F5, squid proxy), web servers (Apache 2, Lighttpd, IIS, tomcat, NGINX), WAF (NAXSI, cloudflare), Configuration Management (Ansible, DSH, Rancid), Version Control (GIT, Perforce, SVN CVS), Video Encoders (VLC, FFMPEG, GStreamer, Red5, Wowza), Database (MySQL, PostgreSQL, SQLite, Elastic Search, GraphQL, Redis), Python Libraries (Boto3, pandas, jupyter)

Hardware

Palo Alto Firewalls, Dell Servers, SuperMicro Servers, Cisco Switches, Aruba Switches, Consentry Switches, Adtran Routers, Aruba Access Points and Controllers, HPE Switches, NetAPP

Languages

Bash, Batch, C, C++, CSS, HTML, Java, JavaScript, LUA, Perl, PHP, PowerShell, Python, Ruby, Español

PROFESSIONAL EXPERIENCE

Rocket Mortgage 2/2021 – present

Systems Engineer SRE team, Servicing Train, Detroit MI

- Develop and Maintain code pipelines in circleci to automate CI/CD
- Migrate systems and infrastructure between AWS accounts
- Build out infrastructure using Terraform
- Code reviews for developers across the train
- Work with GIT enterprise to make effective codebases
- Setup githooks to filter what gets put into the pipelines
- Build and troubleshoot Lambdas, ECS, Fargate, Kubernetes, VPC, SQS, RDS, Elasticache, and legacy systems
- Standardize a set of tools for deployment and development
- Work to resolve issues within SLI/SLO/SLA
- Work with multiple teams to build solutions
- Build tools to work with internal APIs for information Aggregation
- HackWeek - cryptocurrency and liquidity pools for loan servicing

Nashville Electric Service (Zycron) 2/2020 – 2/2021

Senior Systems Engineer, Nashville TN

- Plan, Install, Maintain, and Support enterprise servers running redhat and oracle linux
- Maintain and expand oracle linux systems infrastructure and make DR plans with RTO/RPO
- Support developers and application owners with their system level problems
- Grow, maintain, and support VMWare on UCS hosts
- Manage vsphere infrastructure
- Monitor systems through solarwinds, vcenter, siem alerts, and custom tools
- Plan and implement strategies to bring systems into compliance
- Standardize linux systems without using a ready built orchestration system
- Work with end users and developers to diagnose application and network problems
- Address resource issues with system owners
- Work with vendors to address application issues
- Monitor and support Oracle ExaData, Oracle 12c, and weblogic systems
- Support and Configure F5 load balancers

- Work with team members in on-call rotation for 24/7 support
- Incident response in regards to system outages
- Participated in Tornado, Windstorm, and Covid related projects
- Reconciled technical inventories with custom automated tools

Dallas Johnson Greenhouse 4/2019 – 2/2020

State certified horticulturist, Council Bluffs IA

- Grew 350,000 chrysanthemums for fall season
- Grew 500,000 poinsettias for winter season
- Grew 800,000 assorted spring plants for spring season
- Applied pesticides for fungi and insects
- Managed laborers and other growers in a greenhouse
- Designed a technological approach to greenhouse operations
- Increased efficiency and performance by applying existing tools

Tennessee Networking Technologies (TNT) 10/2018 – 2/2019

Technical Consultant, Franklin, TN and Hastings, IA

- Identity Access Management and Virtual Private Cloud with focus on security groups and how applications and services communicate with each other
- Managed multiple aspects of AWS for clients including IAM, EC2, S3, VPC, EFS, ELB, AMI, and creating disaster recovery plans
- Recovered data and performed forensics on customer hardware
- Set-up back-up and disaster recovery plans for clients
- Management of firewalls, switches, routers, and servers for customers
- Ran cables to provide network and telecom connectivity
- Deployed software provided by vendors
- Created custom solutions for expanding infrastructure
- Relocated to Omaha Metro Area and managed AWS for clients remotely

Books-A-Million 1/2016 – 9/2018

Senior Systems Administrator, Franklin, TN

- PCI/DSS audits - worked with auditors and external pen testers including Dell SecureWorks, Qualys, and LBMC to generate guidelines and reports for audits. Conducted remediation testing and ensured PCI and OWASP compliance
- Used Vulnerability scanning tools like Openvas, AlienVault, Metasploit, Nmap, and Nessus
- Worked on Incident response and remediation with the systems team, business owners, and desktop support teams
- Managed multiple endpoint protections, notably Cylance and Semantec EPM
- Designed, set-up, utilized, and reported on events with multiple SIEM solutions including Splunk, ELK, LBMC, Graylog and AlienVault. Conducted a POC with Alert Logic.
- Conducted remediation efforts to include email compromises and performed forensics on machines infected with malware
- Monitored systems to keep up with downtime and slow points with applications while providing and implementing effective procedures to bring systems back up and prevent

bottlenecks from reoccurring

- Designed policies both for users and technology and implemented through GPO, Firewall Rules, Proxy Rules, and NAC systems. Worked with business owners to allow *individualized* exceptions
- IAM for new, modified, and outgoing users, contractors, and systems. Identity and Access management in Active Directory, Identity Federation, and Linux based systems
- Monitored new vulnerabilities and exploits, developed and implemented plans and timelines for mitigation. In some situations, determined if the business owners were willing to accept risk
- Managed, issued, deployed, and revoked certificates around the enterprise
- Participated in a Homeland Security exercise with many other companies and government entities. The exercise was a simulated national malware outbreak and hacking attempt (cyber storm V)
- Notable security projects include:
 - ◆ E2EE for PCI DSS compliance
 - ◆ Network Segmentation for security
 - ◆ ELK based monitoring system for dot com and alerts
- Roughly 40% of role was DevOps for Booksamillion.com
- Administration of software and hardware throughout the developmental and operational lifecycles
- Deployed and monitored systems and services for ~300 sites, data centers, warehouse, cloud, and offices across multiple varying platforms
- Set-up, migrated, upgraded and maintained Adtran routers and Cisco, HP, Aruba and Consentry switches
- HyperV, Xenserver, VMWare, and Docker clusters maintenance, monitoring, and deployment
- Scripting in Bash, Perl, Ruby, and Python
- Palo Alto and PF Sense Firewalls, management and access control
- Administration of Aruba based wireless networks using AirWave for Heat Maps and asset tracking
- Provided support for approximately 1000 Linux Systems. Also supported Windows
- Cloud Administration on Azure, AWS, and Digital Ocean
- Administration of databases for development and production services including MySQL, and PostgreSQL, and others
- Administration of web servers, load balancers, WAFs, CI/CD environments, and proxies for an Ecommerce platform
- Notable infrastructure projects include:
 - ◆ NetApp Upgrades in data center
 - ◆ PaloAlto Firewall Upgrades across multiple sites
 - ◆ Deployment of a new Customer Service portal for stores
 - ◆ Deployment of wireless infrastructure for stores.

Junior Linux Engineer (Contract), Franklin, TN

- Deployment and configuration of Linux systems across 198 hospitals
- Administration of RHEL (5/6/7) based servers
- Patch and configuration management
- Maintenance and deployment of various software packages
- Deployed a monitoring system similar to Nagios
- Deployment of a massive Hadoop cluster for a data conversion project

323Link / BoxPopuli 10/2012 – 10/2015

Linux Systems Administrator, Franklin, TN

- Set-up security policy for encoders and cloud-based services
- Managed firewalls and access control
- Set up IAM for encoders and content management systems
- Conducted vulnerability management and remediation efforts
- Modified software to conform to OWASP top 10
- Deploy and maintain Cisco switches and routers
- Development, Deployment, and support of Linux based video encoders in the field
- Development, Deployment, and Maintenance of Secure Video Content Management and streaming systems in the cloud on AWS
- Troubleshoot and implemented solutions on hardware and software throughout development and production lifecycles
- Developed Encoder software and Web Applications using Perl and Ruby on Rails
- Provided lifecycle support of servers across various technologies
- Worked with vendors to design and implement new and improved methods of recording and streaming video
- Created partnerships with other software companies to provide and integrate software and hardware solutions
- Notable projects include:
 - ◆ Designed streaming service called Coffee-Vine
 - ◆ Developed integration for Yuan multiport HDMI capture cards
 - ◆ Developed web interfaces and infrastructure for encoders and content media servers
 - ◆ Integrated with MediaSite, Panopto, and Matterhorn
 - ◆ Optimized VLC for streaming video over low bandwidth connections.

Micom Systems 10/2010 – 10/2012

Computer Technician, Nashville, TN

- Troubleshoot and repaired hardware, software, network, and low-level electronic problems
- Architected computer and networks for home and small-to-medium sized businesses
- Deployed and configured hardware and software solutions
- Supported two locations while boosting sales and service revenues
- Ran Cable to provide connectivity for remote locations and configured VPN for end users
- Recovered data from failed hardware or software configurations. Conducted Level I data

recovery and forensics

→ Notable projects include:

- ◆ Set up servers and network for StreetWorks
- ◆ Set up servers and network for University Club of Nashville
- ◆ Maintained legacy equipment for White Bridge Auto Wash
- ◆ Troubleshoot systems for Empire Beauty School

Teale's Computer Repair 3/2005 – 6/2010

Technical Consultant

- Supported a company with 28 buildings across 18 floors, with elder clients, providing technical support
- Troubleshoot, Repaired, Configured and optimized personal computers and other electronic devices for home and small business users
- Linux web-hosting infrastructure maintenance

COMMUNITY INVOLVEMENT

- DefCon 615 organizer
- DefCon 615 presenter
- DefCon 402 presenter
- Omaha Linux Users Group presenter
- Nashville Linux Users Group member
- Middle Tennessee Robotics Art Society
- Nashville Garden Club member
- Nashville 2600 member
- NashMicro member
- Make Nashville member
- Maps of the Digital Land at Defcon 27, 29 and Phreaknic 22 (network engineering centered challenge), organizer
- Nashville MiniMakerFaire 2012-2019 Booth for soldering instruction, instructor