

SITE RELIABILITY ENGINEER

High performing and self-driven Site Reliability Engineer who is eager to apply his extensive knowledge and experience to not only a professional environment but to all practical projects. Skilled at providing various IT solutions to external teams as well as clientele. This includes the creation of effective monitoring and testing for environments, developing automation tools for deployments or repetitive tasks. Effective communicator with a deep passion for technology, strong analytical skillset, and as a veteran the ability to perform well with any team assigned.

Previous Security Clearance: Secret

TECHNICAL SKILLS

Operating Systems:	Linux, Windows Server 2012/2016, Windows Workstation 7/8/10, Mac OSX
Cloud Platforms:	Amazon Web Services (AWS), Microsoft Azure, VMWare ESXi, Digital Ocean
Automation Tools:	Ansible, SALT, Chef, Puppet, Jenkins
Virtualization:	VMWare Fusion/Workstation, KVM, VirtualBox
Security:	DISA STIGs, NMAP, OWASP, IPS/IDS, BCP/DR, Rapid 7, Kali Linux
Containers:	Kubernetes, Docker, Microservices
Web Servers:	Distributed Systems, Apache, NGINX, HAProxy, IIS,
Databases:	MySQL, MongoDB, MariaDB, NoSQL, Microsoft SQL
Networking:	LAN/WAN, DNS, DHCP, TCP/IP, Active Directory, API's
System Monitoring:	Datadog, AppDynamics, Prometheus, New Relic
Programming/Scripting:	Python, Golang (Go), PowerShell, BASH, Infrastructure as Code
Applications:	Gantt Project, Microsoft Office, JIRA, Confluence, Service Now

WORK EXPERIENCE

Site Reliability Engineer

Fox Corporation

Phoenix, AZ.

Jul 2020 – Present

- Collaborated with internal teams on the migration of our monitoring platform from New Relic to Datadog. Which included developing best practices and guidelines for teams to follow to ensure the benchmark for monitoring is established.
- Implemented Artificial Intelligence for IT Operations. Used machine learning for event correlation, anomaly detection and synthetic testing.
- Provided support for PagerDuty and introduced automation to streamline incidents to active on-call engineers.
- Handled systems support to clients. Which includes troubleshooting, finding bugs and use problem solving to mitigate a client's issue.
- Designed and wrote automation on everything to ensure the reliability of SRE services and availability.
- Spearheaded several proof-of-concept projects for the SRE team which was taken on by external teams at Fox. This includes Rundeck as a centralized location for automation, Git Hub Actions for CI/CD pipelines

DevOps Engineer/Cloud Systems Engineer

Walt Disney Company

Orlando, FL June

Oct 2019 – May 2020

- SSL certificate configuration and management within Akamai, Amazon Web Services and Entrust to ensure fully secure, encrypted, and high performance to various services within the infrastructure.
- Worked closely with Disney Operations team to support multi cloud operations. In efforts to provide a 99.9% uptime(monthly).
- Managed over 1,000 servers with monitoring tools such as AWS Cloud Watch, AppDynamics and Data Dog.
- Introduced and implemented DevOps solutions for a range of Agile projects, creating automated build, deployment, monitoring, testing, and reporting pipelines and solutions.
- Experienced in Gitlab CI and Jenkins for CI and for End-to-End automation for all build and CD.

AWS Engineer

USSOCOM (SPATHE Systems LLC)

Tampa, FL

March 2019 – Present

- Automated the deployment of EC2 servers, S3, ECS, IAM, ELB, Redis clusters and applications onto the Amazon Web Services (AWS) cloud environment with the use of Ansible/Ansible Tower, Cloud Formation and Jenkins.
- Expertise in architecting secure VPC solutions in (AWS) and properly provisioned Network ACLs, security groups and public and private configurations.
- Linux troubleshooting of Red Hat and Ubuntu operating systems that are located on hosted servers. Troubleshooting can include but not limited to TCP/IP, SMTP, SNMP, and DNS.

United States Navy

February 2013 – February 2017

Master at Arms for Naval security services.

Police Officer

Humble ISD Police Department

Humble, TX

October 2008 – January 2013

EDUCATION

INFORMATION SYSTEMS & TECHNOLOGY

BACHELOR OF SCIENCE, CLOUD TECHNOLOGIES | February 2019

Full Sail University, Winter Park, FL

Master at Arms Training, Naval Air Station Lackland, TX