

**Warren W. Weiss**

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## PROFESSIONAL SUMMARY

Versatile, resourceful IT Professional with over 20 years' experience supporting 24x7 multi-platform environments. Extensive hands-on expertise in AWS Cloud Administration, Linux system administration, DevOps, Windows system administration, and MySQL, Oracle, and PostgreSQL RDBMS database administration.

- Seasoned technical resource, with a proven track record in substantially improving system performance, availability, maintainability and scalability.
- Excel at communicating complex technical information to diverse audiences.
- Innovative and proactive problem solver, recognized for recommending solutions focused on simplicity and ease of administration.

## TECHNICAL SKILLS

<b>Software:</b>	AWS, Ansible, Salt, Puppet, Rundeck, Git/GitHub/GitLab, Subversion, bash, Python, NoMachine, EDA tools, Rally, Zendesk, Apache, Nginx, lighttpd, MS Active Directory, Bamboo, Confluence, Crowd, Fisheye/Crucible, Jira, Tomcat, Solr (Apache), Java, Jboss, Glassfish, Weblogic, WebSphere, Kafka, Streamsets, Hadoop, Nagios, Up.Time, phpMyAdmin, Logstash, Big Brother, ePolicy Orchestrator, Quest Authentication Services, Quest Xtensions for Device Management, samba, Spacewalk, TOAD, Visio
<b>Databases:</b>	AWS RDS, MySQL, Oracle RDBMS, PostgreSQL, MongoDB, FileMaker Pro, Sybase
<b>Platforms:</b>	Linux (RedHat/CentOS/Scientific Linux, SuSE, and Ubuntu), AWS/Cloud, Windows, MacOS, VMware ESX, vSphere, Cisco UCS, Hyper-V, UNIX (AIX 5.x, Solaris 8/9), STIG, NIST

## PROFESSIONAL EXPERIENCE

### Warren Weiss IT Consulting, CO

**May 2023**

#### Sr Cloud Engineer / Sr System Administrator / DevOps

**Client:** Confidential (Reference provided upon request)

**Contract**

Administer an AWS environment in support of a release of a new, global multimedia/music application.

#### Key Accomplishments:

- Create, configure, and administer Linux (Ubuntu and AlmaLinux) EC2 instances, VPCs and networking, and other critical, supporting infrastructure using Ansible and other tools.
- Administer, maintain, and expand the capabilities and footprint of AWS RDS / Aurora databases.
- Coordinate deployments with development team.
- Administer Github version control repositories.

**Environment:** Linux, Ansible, AWS services, Github, Cloudwatch

### Warren Weiss IT Consulting, CO

**April 2022 – January 2023**

#### Sr System Administrator/DevOps Engineer

**Client:** Moneta Systems LLC

**Contract**

Administered an AWS environment in support of a global, 24x7 team of developers and design engineers.

#### Key Accomplishments:

- Created, configured, and administered Linux and Windows EC2 instances, VPCs and networking, and other critical, supporting infrastructure using Ansible and other tools.
- Installed, configured, and maintained Electronic Design Automation (EDA) tools from Ansys, Mentor, Synopsys, Xilinx, and others and their licensing servers.
- Installed, configured, and administered a NoMachine server and node cluster.
- Established an automated EC2 instance snapshot backup and recovery method.
- Established a file system backup and recovery system using AWS DataSync and synchronization tools.
- Administered an IBM Spectrum Load-Sharing Facility (LSF) cluster.

- Administered SVN, Github, and Gitlab version control repositories.

**Environment:** Linux, Windows, Ansible, EDA tools, AWS services, Google SSO, NoMachine, Git, SVN, Zabbix, Cloudwatch

**Kforce / Kaseware, Denver, CO**

**September 2021 – March 2022**

**Sr System Administrator/DevOps Engineer**

**Client:** Kaseware, Inc.

**Contract**

Administered Linux servers on VMware to maintain a case management application in development, testing, and production environments.

**Key Accomplishments:**

- Established an Ansible and Rundeck ecosystem to administer Linux servers in a virtualized (VMware) environment.
- Integrated Ansible and Rundeck with Docker and Kubernetes.
- Integrated the VMware environment with a QNAP device to automated backups and snapshots.
- Established a monitoring and notification system using CheckMK.

**Environment:** Linux, Ansible, Kubernetes, Docker, VMware, Rundeck, Rancher, GitLab, QNAP

**ON24, San Francisco, CA**

**March 2021 – September 2021**

**Sr System Administrator**

**Permanent**

Administered Linux and Windows servers, VMware, Cisco UCS, and a complex, interdependent series of applications in a high-performance, video-intensive environment.

**Key Accomplishments:**

- Administered Linux and Windows servers, VMware instances, and a UCS infrastructure using Ansible, AWX, and other tools.

**Environment:** Linux, Windows, VMware, Cisco UCS, Ansible, AWX, GitLab

**InsightGlobal, Denver, CO**

**July 2020 – December 2020**

**AWS Engineer / System Administrator**

**Client:** Zivaro

**Contract**

Created and administered AWS environments for Federal Government agencies.

**Key Accomplishments:**

- Architected, configured, and maintained instances, VPCs, etc in AWS using Ansible, NIST CloudFormation templates, Rundeck, and other tools.
- Provided Linux and Windows system administration and database administration with Ansible, Rundeck, and other system administration tools.
- Participated in Rally ticketing system.
- Designed solutions and provided cost estimates/diagrams for AWS environments.
- Architected, installed, and configured ArcGIS services.

**Environment:** AWS EC2 and VPC, ELB/ALB/ECS, Ubuntu, Oracle Linux, Amazon Linux, Ansible, Rundeck, Windows, Jira, Confluence, GitHub, Rally

**Flexential Corp, Aurora, CO**

**October 2019 – June 2020**

**System Administrator**

**Permanent**

Administered Linux and Windows servers, databases, and applications in a chaotic 24x7 environment, requiring extensive "fire suppression".

**Key Accomplishments:**

- Provided Linux and Windows system administration and database administration in a heavily-virtualized 24x7 production environment.
- Architected Linux and Windows VMs in VMware and vCommander.
- Employed Ansible, bash, and other technologies to update and maintain CentOS/Red Hat and Ubuntu Linux systems.
- Managed domain name registration and SSL certificates.
- Maintained and deployed a variety of application technologies: LAMP/LAPP, Java, etc.
- Participated in an environment with ServiceNow as a ticketing system.
- Responded to notifications from EM7 and other monitoring tools.

**Environment:** CentOS, Red Hat, Windows, VMware, vCenter, vCommander, EM7

**Alliance for Sustainable Energy, Lakewood, CO**

**October 2018 – October 2019**

**System Administrator / AWS Administrator**

**Client:** National Renewable Energy Laboratory

**Contract**

Administered Linux servers and workstations, and a complex, interdependent series of applications in a high-performance scientific computing environment.

**Key Accomplishments:**

- Provided Linux system administration and database administration in a high-performance computing, research-oriented environment.
- Architect-ed instances, VPCs, databases, etc in AWS with CloudFormation, Ansible, and native AWS tools.
- Employed Ansible, bash, and other technologies to update and maintain CentOS and Ubuntu Linux systems.
- Maintained and deployed a variety of application technologies: LAMP/LAPP, Node.js, Java, etc.
- Maintained PostgreSQL, MySQL, and NoSQL databases.
- Participated in an Agile development and planning environment with Jira as a ticketing system and Confluence for documentation.
- Project lead and champion of establishing a Docker environment.
- Responded to notifications from Zenoss and other monitoring tools.
- NACI Clearance.

**Environment:** Ansible, AWS, CentOS, Confluence, Docker, GitHub, Hadoop, Hortonworks/Cloudera, Jenkins, Jira, Kafka, LDAP/Active Directory, MongoDB, MySQL, Node.js, PostgreSQL, Streamsets, VMware, Zenoss

**Marathon TS, Denver, CO**

**October 2017 - October 2018**

**AWS Engineer / System Administrator**

**Client:** GTRI / Zivaro

**Contract**

Created and administered AWS environments for Federal Government agencies.

**Key Accomplishments:**

- Architected instances, VPCs, etc in AWS using NIST CloudFormation templates.
- Provided Linux and Windows system administration and database administration for clients and internally.
- Designed solutions and provide cost estimates/diagrams for AWS environments.
- Responded to RFPs.
- Architected, installed, and configured ArcGIS services.
- NACI Clearance.

**Environment:** AWS EC2 and VPC, ELB/ALB/ECS, Ubuntu, Oracle Linux, Amazon Linux, Ansible / Ansible Tower, Windows, Jira, Confluence, GitHub, Shinken

**Crownpeak, Denver, CO**

**October 2016 – January 2017**

**Senior System Administrator**

**Permanent**

Administered Linux and Windows servers in a 24x7 production environment.

**Key Accomplishments:**

- Built, configured, and maintained Ubuntu and Windows servers in a 24x7 production environment hosted in AWS.
- Responded to outages and other tasks through Jira-based ticketing system.
- Responded to notification from Nagios and PagerDuty.
- Participated in Kanban and Scrum teams.
- Contributed code via GitHub.

**Environment:** AWS EC2 and VPC, Ubuntu, Ansible, Apache, IIS, Windows, Jira, Confluence, GitHub, Nagios, PagerDuty.

**Echostar, LLC, Denver, CO**

**September 2012 – July 2016**

**Senior System Administrator/DevOps**

**Permanent**

Administered Linux servers and a series of LAMP applications in a 24x7 production and development environment.

**Key Accomplishments:**

- Built, configured, and maintained CentOS 5.x and 6.x and Windows servers in a 24x7 production and development environment hosted in VMware.
- Configured and maintained MySQL, Oracle RDBMS, and MongoDB databases for a variety of applications.
- Built, configured and maintained the Atlassian application suite; Bamboo, Confluence, Crowd, Fisheye/Crucible, BitBucket/Stash, and Jira.
- Maintained, performed troubleshooting, and periodically deployed updates (primarily with Bamboo) to a complex LAMP (and LAOP) application structure.
- Installed, configured, and maintained Git and Subversion repositories.
- Assisted development team in the establishment of CI/CD pipelines.
- Installed and configured Nginx for SSL off-loading and High Availability (HA).
- Installed, configured, and maintained Salt, Ansible, and Up.Time (migrated from Nagios) to manage, update, and monitor the server infrastructure. Migrated from Puppet to Salt and Ansible for infrastructure CM. Later projects focused on deploying applications.
- Installed, configured, and maintained Tomcat and Liferay applications for an IPVOD environment.
- Installed, configured, and maintained Apache Solr servers to optimize search in the LAMP environment.
- Installed, configured, and maintained Samba.

**Environment:** CentOS, Salt, Ansible, Apache, lighttpd, Nginx, MySQL, Oracle RDBMS, MongoDB, PHP, Atlassian products (Bamboo, Confluence, Crowd, Fisheye/Crucible, Stash, Jira), Zephyr, Git, Subversion, Solr, Windows AD, VMware ESXi, vCloud Director, Samba, TOAD for MySQL

### **PRIOR EXPERIENCE**

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Experience prior to 2012 includes positions with ProfitStreams, NOAA, Broadridge Financial Services, Auto-trol Technology, Applied Predictive Technologies, Software Technology, Inc, DIGEX, and Hughes STX/Naval Research Lab.

- Hughes STX Peer Award, developing CM tools and procedures.
- Hughes STX Group Award, MSX Critical Design Review presentation.
- ARC Award, Intelligence Analysis prototype system training.

### **EDUCATION**

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Virginia Military Institute, Lexington, VA, B.S., Physics

### **SECURITY CLEARANCE**

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Secret Clearance (DOD, Currently Inactive)  
NACI Clearance (DOI/DOE/DOD, Currently Inactive)