

PROFESSIONAL
BIO

Post production infrastructure I.T. engineer with over 10 years of experience in live broadcast and post production. Demonstrates strong understanding and knowledge in the administration and maintenance of Isilon storage systems, VMware clusters, Cisco UCS, Quantum Stornext, Cisco routing and switching, SAN networks, Linux and Windows server environments

TECHNICAL &
ADMIN. SKILLS

Storage & Archive: Isilon (H500, A2000, F600, F800) clusters, Pure flash arrays, Hitachi Vantara arrays, Avid NEXIS, Quantum Stornext, Telestream Flashnet and Diva, Spectra Logic tape libraries

Virtualization & Containers: VMware vSphere (ESXi, vCenter), Docker, Kubernetes, Veeam Backup and Replication

Systems Administration: Linux (RHEL, Ubuntu/Debian, Suse), Windows Server, MacOS, FreeBSD, Python, PowerShell, Bash scripting, NGINX and Apache web servers, experience with SQL Database administration

Monitoring, Deployment, & Provisioning: SolarWinds, Grafana (Prometheus, InfluxDB, Telegraf, Loki), JAMF, Windows Deployment Services, WinSUS, PDQ Deploy, Ansible, The Foreman, Lansweeper

Hardware Platforms: Cisco UCS, Dell PowerEdge, HPE ProLiant, HP Z workstations, Boxx workstations and servers, Apple hardware

Network & Security: Cisco routing and switching, Cisco MDS and Brocade Fibre Channel networking, Palo Alto Firewalls; Qualys, Tenable, SentinelOne and Palo Alto Cortex end points, vulnerability mitigation

Transcode & Delivery: Aspera HSTS, Shares, Faspex, Orchestrator; Telestream Vantage, AWS Elemental, FileCatalyst, Signiant and Media Shuttle

Software: Adobe Creative Suite, Avid Media Composer, Avid Interplay and MediaCentral, AWS Deadline, Cinema4D, Red Giant Plugin Suite, Jira Service Management, Atlassian Confluence

EXPERIENCE

World Wrestling Entertainment, Inc.

Lead Engineer, Post Production Infrastructure 2022 - Present

Senior Infrastructure Systems Engineer 2018 - 2022

Post Production Systems Engineer 2016 - 2018

- Research new and emerging technologies that could benefit and improve WWE's post production infrastructure. Work closely with MSPs and outside vendors to plan and implement POCs of new technology
- As part of the WWE New HQ planning team, collaborate with other members to plan and design a brand new network, storage, and server infrastructure
- As lead administrator for Isilon, Pure, and Quantum Stornext environments, conduct storage administration tasks such as share configuration, user rights access, troubleshooting, decommissioning of old storage pools, data migration to new environments, backup and DR planning, capacity forecasting, upgrades, and performance monitoring
- Manage both Cisco MDS and Brocade SAN switches, creating new zones and zonesets for tape libraries and Stornext Mac clients with both GUI and CLI tools
- Support WWE's vSphere 7.x production and DR environments to monitor cluster performance, initiate upgrades and patches, optimize performance, diagnose and resolve technical issues amongst two UCS environments with 30 UCS blades and 300+ VMs
- Implement backup, DR replication/failover, and recovery strategies for physical and virtual servers using Veeam Backup and Recovery Enterprise
- Maintain and support Vantage Telestream, Elemental, and Aspera (HSTS, Shares, Faspex, Console, Orchestrator) systems and associated infrastructure. Provide transcoding and file delivery support for remote truck crews, and over fifty domestic and international clients
- Collaborate with internal development teams to implement custom applications, deploying to Windows, Linux VMs or Docker containers

- Work closely with Infosec and Cybersec departments to develop vulnerability mitigation strategies and security runbooks to protect the post production environment from nefarious actors
- Install and configure HP, Dell and UCS servers in multiple data centers, from rack and stack to OS and application deployment
- Monitor entire infrastructure with Grafana and Solarwinds. Design custom dashboards and alerting metrics to monitor and resolve potential issues before they affect production
- Research, plan, and implement switch-level network changes; perform network infrastructure maintenance and upgrades
- Work with individual production departments to develop rock-solid and fool-proof workflows for media ingestion, archiving, rendering, quality control and file delivery
- Develop JIRA Service Management workflows including project workflows, field configurations, screen schemes, permission schemes, and notification schemes
- Lead on-going initiative to develop departmental documentation and SOPs. Personally wrote over 100 pages of documentation and troubleshooting KB articles for internal systems and tools

Al Jazeera America

Broadcast I.T. Engineer

2015 - 2016

- Worked closely with other members of the Broadcast I.T. department to develop new systems and workflows that streamlines production, post production, and media delivery
- Provided solo on-site technical support during breaking news events for entire broadcast IT infrastructure
- Acted as point person for troubleshooting any issues that may arise with Avid Interplay, Telestream Vantage, Oracle/Front Porch DIVA Archive, and SpectraLogic T950 Tape Library
- Administered, maintained, and resolved any issues that arise with both Signiant and Aspera file transfer systems
- Supervised the Archive and Media Management departments to ensure that the ISIS, Isilon, and MediaGrid workspaces are being properly cleaned and maintained
- Performed daily, weekly, and monthly maintenance for Avid Interplay, Capture, ISIS, INews, Avid editing systems, and Front Porch/Oracle DIVA Archive System

Media Asset & Technical Manager

2013 - 2015

- Worked closely with Broadcast I.T. department as technical liaison for Media Management. Assisted with the design and implementation of complex transcoding and organizational workflows within Interplay
- Solved any restore related issues involving complex sequences with many layers of video and special effects
- Acted as primary media manager for Promos department, ensuring projects are properly consolidated, saved, and archived. Troubleshot and solved any issues that occurred with their media and projects

Ingest and Media Coordinator *LAC Group*

2012 - 2013

- On assignment to the ABC News Video Resources Group, managed both scheduled and ad-hoc ingest requests for *Good Morning America*, *Nightline*, and *World News with Diane Sawyer*
- Ensured live feeds, edited packages, and other ingested materials were properly labeled and easily searchable in Avid Interplay
- Monitored incoming feeds to ensure that they meet ABC News' rigorous broadcast standards

EDUCATION

M.A., New Media Studies and Media Management, *The New School*
 B.F.A., Electronic Media/Journalism, *Long Island University*