ANDREW DEABREU

LINUX SYSTEMS ENGINEER
5+ YEARS EXPERIENCE

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EDUCATION

UNIVERSITY OF MARYLAND
BS, Computer Science
Adelphi, MD

J.N. ANDREWS UNIVERSITY
BA, English – Technical Writing
Berrien Springs, MI

CERTIFICATIONS

LINUX ESSENTIALS
Linux Professional Institute

LPIC-1
Linux Professional Institute

BUSINESS ANALYTICS
University of Maryland Global

KEY SKILLS

DATA MANAGEMENT
- Excel
- SQL

OPERATING SYSTEMS
- Red Hat & CentOS Linux
- MacOS
- Windows Server

PROGRAMMING / SCRIPTING
- Bash
- Java
- Python
- YAML

STORAGE & MONITORING
- BigFix
- Splunk
- Veeam

VIRTUALIZATION
- MATE Desktop
- NoMachine
- VMware vSphere

EXPERIENCE

LINUX SYSTEMS ENGINEER
X3M Sys., NASA Goddard Space Flight Center (2022 – Present)
- Configure and Update Firewalls.
- Create and maintain and general documentation—GitHub.
- Deploy Terraform code for virtual environments.
- Develop and deploy ansible roles and playbooks.
- Linux user management and Windows Active Directory.
- Manage TLS/SSL certificates.
- Meet and troubleshoot with vendors.
- Participate in security audits and address vulnerabilities.
- Perform code review on legacy code to maintain standard.
- Provide technical support for Space Flight Mission.
- Resolve software and hardware conflicts.
- Stage and deploy security patches for Windows & Linux.
- System backup and recovery.
- Troubleshoot networking issues.

LINUX SYSTEMS ADMINISTRATOR
NEXTGEN Data Cloud (2019 – 2022)
- Automated tasks using: Ansible, crontab, Red Hat Satellite, software installation/patching, collect/archive server logs
- Created, managed, and partitioned storage – LVM, physical volume, and volume groups, EXT4, XFS, SAN, SAMBA, RAID
- Data center hardware installation and raid systems on HP blade servers - HP OneView and HP ILO
- File compression, archival, maintain/rotate logs
- Firewall configuration.
- Installed and configured servers - Apache Web, Oracle RAC, SAP Hana.
- IP Tunneling, assigning/aliasing ports and IPs, TCP/ICP, NFS, NTP, DNS, DHCP, LAN, NIS, FTP/TFTP, SSH, SFTP.
- Kernel tuning.
- OS installation and patching using yum and rpm.
- On-call rotation.
- User/group management - permissions, ownership, sudoers.
- Wrote and deployed scripts – Python, PyCharm, Bash.