



# VEERENDRA BATTULA

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## PROFESSIONAL SUMMARY

IT Infrastructure Specialist with over 8 years of experience in Unix/Linux system administration, including Red Hat Enterprise Linux (RHEL), CentOS, Oracle Enterprise Linux, Solaris, and AIX. Proficient in server installation, configuration, and maintenance on both virtual and bare-metal environments. Skilled in RedHat Satellite Server, Kickstart, Jumpstart, and LDAP/AD integration via CentrifyDC. Experienced in managing web servers like Apache Tomcat, JBoss, and WebSphere, and administering LAMP stacks.

## CAREER HIGHLIGHTS

- Expertise in RedHat Satellite Server installation, RedHat Linux Kickstart, System Imager and Jumpstart in Solaris.
- Administered and supported all distributions of Linux, including Linux Enterprise Desktop, SUSE Linux Enterprise Server, and Red Hat.
- Installation, Configuration and Maintenance of Samba, Apache Tomcat, Web Sphere and Jboss servers in Sun Solaris and Linux environment.
- Configured ILOs and Console connections for HP and SUN servers.
- Experienced in system administration, System planning, co-ordination and group and user level management.
- Support and coordinate scheduling and execution of system maintenance (including Hardware Firmware), release updates, upgrades, and/or new technology deployments adhering to company's standard change management protocol.
- Configuration, implementation, and administration of LDAP Linux environment and AD authentication using CentrifyDC.
- Understanding and troubleshooting skills with networking communications and protocols such as TCP/IP, NFS, DNS, SMTP.
- Expertise in creating and managing Logical Volume Manager in RedHat Linux.

- Expertise in Installation, Configuration of Package and Patch Management.
- Provisioning custom reporting Development, BL packaging, Compliance reporting.
- Experience in Disaster Recovery and Planning.
- Good understanding of error logging subsystem and Performance Monitoring tools like vmstat, iostat, netstat.
- Extensively worked on Automatic Scripting using shell scripts (bash, awk, sed).
- Tasked with both virtual and bare metal server builds.
- Expertise in TSM and Commvault in large scale enterprise backup environment.
- Handling and generating tickets via the Remedy ticketing tool.
- Strong understanding of LAMP stack and support of web applications and supporting components such as apache/tomcat/Weblogic.
- Knowledge of Routers, Switches, Hubs, Firewalls, LAN, WAN Intranet, Internet.
- Experienced in Monitoring system Access and Monitoring servers by using tools like Tivoli, HP open view and Nagios.
- Experience with configuration management and automation software such as Puppet and Ansible.
- Maintained high availability of data using VERITAS cluster Server and Sun Cluster.
- Experienced in Source Control System knowledge - Git/Jenkins.
- Systems and network Planning and Administration.
- Backup and Restore Management like Veritas backup, Tape library and Disk library and EMC.
- Understanding of security best practices and forensic techniques, tcpdump, Wireshark, iptables, ipset.
- Good Working knowledge on the Snapshot technology in taking the backup snapshot copies of the different volumes. Scheduled backup and retention policies.
- Excellent verbal communication skills and strong documentation skills.
- Good experience with ticketing tools like SNOW, BMC Remedy.

## **CERTIFICATION**

AWS Certified -Solutions Architect Associate – <https://www.credly.com/badges/3773e22f-757b-4a32-be61-7a8096611984>

## **SKILLS**

### **Operating Systems**

- Red Hat Enterprise Linux (RHEL)
- CentOS
- Oracle Enterprise Linux
- SUSE Linux Enterprise Server
- Solaris 10/11
- AIX
- UNIX

### **Server and System Administration**

- RedHat Satellite Server
- RedHat Kickstart
- System Imager
- Jumpstart (Solaris)
- Logical Volume Manager (LVM)
- Virtual and Bare Metal Server Builds
- System Planning and Maintenance
- System Monitoring and Performance Tuning

### **Web & Application Servers**

- Apache Tomcat
- WebSphere
- JBoss
- LAMP stack (Linux, Apache, MySQL, PHP)
- WebLogic (support components)

## **Backup and Storage**

- Tivoli Storage Manager (TSM)
- Commvault
- Veritas Cluster Server
- Sun Cluster
- Veritas Backup
- Tape Library and Disk Library
- EMC Storage
- Snapshot Technology (Scheduled Backup & Retention)

## **Configuration Management & Automation**

- Puppet
- Ansible

## **Scripting & Programming**

- Bash
- Awk
- Sed

## **Networking & Security**

- TCP/IP, NFS, DNS, SMTP
- Routers, Switches, Hubs, Firewalls, LAN/WAN
- iptables, ipset
- tcpdump, Wireshark
- Security Best Practices & Forensic Techniques
- ILO and Console Connections

## **Authentication & Access Control**

- LDAP
- Active Directory (AD) Integration via CentrifyDC

## **Monitoring & Tools**

- Tivoli
- HP OpenView
- Nagios
- vmstat, iostat, netstat

## **DevOps & Version Control**

- Git
- Jenkins

## **ITSM / Ticketing Tools**

- BMC Remedy
- ServiceNow (SNOW)

## **Soft Skills**

- Excellent verbal communication
- Strong documentation skills
- Coordination and collaboration

## **PUBLICATIONS**

- Battula, V. (2021). Dynamic resource allocation in Solaris/Linux hybrid environments using real-time monitoring and AI-based load balancing. \*International Journal of Engineering Technology Research & Management, 5\*(11), 51.
- Battula, V. (2020). Secure multi-tenant configuration in LDOMs and Solaris Zones: A policy-based isolation framework. \*International Journal of Trend in Research and Development, 7\*(6), 260–263.

- Battula, V. (2020). Development of a secure remote infrastructure management toolkit for multi-OS data centers using shell and Python. \*International Journal of Creative Research Thoughts (IJCRT), 8\*(5), 4251–4257.
- Battula, V. (2020). Toward zero-downtime backup: Integrating Commvault with ZFS snapshots in high availability Unix systems. \*International Journal of Research and Analytical Reviews (IJRAR), 7\*(2), 58–64.
- Battula, V. (2022). Legacy systems, modern solutions: A roadmap for Unix administrators.
- Battula, V. (2023). Security compliance in hybrid environments using Tripwire and Cyberark. \*International Journal of Research and Analytical Reviews, 10\*(2), 788–803.
- Battula, V. (2024). Modernizing enterprise backup: TSM to Commvault migration strategies. \*Journal of Emerging Trends and Novel Research, 2\*(8), a34–a54.
- Battula, V. (2024). Commvault-TSM based immutable backup framework for biomedical research. \*International Journal of Research and Analytical Reviews, 11\*(1), 490–500.
- Battula, V. (2025). PupilDx: Novel AI driven Pupillary device for non-invasive neurological risk screening. \*International Journal for Multidisciplinary Research, 7\*(3), 1–12.
- Battula, V. (2022). Legacy systems, modern solutions: A roadmap for Unix administrators.

## **PATENT**

AI Powered SMART Surveillance Robot – UK Patent Application No. 6457718; Indian Patent Application No. 465355001.

**I HEREBY CONFIRM THAT THE INFORMATION STATED ABOVE IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND UNDERSTANDING**

**-VEERENDRA BATTULA**