**Arslan Ahmed Malik**

**217-419-0578**

Email: [arsalanmalik4548@gmail.com](mailto:arsalanmalik4548@gmail.com)

**Summary:**

* Over 9+ years of experience in technical support and maintenance of UNIX Systems.
* Strong OS and server troubleshooting, OS Patch management, and build Infrastructure skills.
* Experience in installing, configuring, managing, maintaining and developing AIX Systems, **Linux (Red Hat)**, Windows 2003 Server, HP UNIX and Solaris.
* Experience with **Puppet** automation tool.
* Experience in Administration of RHEL 3, 4, 5 & 6 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues
* Experience with Chef, Nagios, Puppet.
* Expertise in creating scripts with **Korn**, **Perl** which would help in automation and simplification of jobs.
* Installation, administration and configuration of **VIO Server** and **VIO client LPAR’S through HMC.**
* Red Hat Enterprise Linux /Cent OS / Fedora 4 Server / Ubuntu 10.04 LTS - Installation, and configuration and maintenance
* Linux Shell Scripting.
* Mail server - Installation configuration and maintenance of mail server - Send mail,
* Web server – Apache, Nginx, PHP MySQL
* Squid Proxy server – Installation and configuration
* Linux Firewall / Security / Unified Threat Management System – IP tables configuration, Cyberoam UTM configuration and Administration
* Database server -Installation and maintenance administration of MySQL
* Storage management **– LVM, RAID**
* Server configuration **– DNS, DHCP**
* Linux Containers - Control Panel
* Experience in Administration of AIX 4.3,5.1,5.2, 5.3, 6.1, 7.1
* Installation and configuration of **NIM** master server and clients
* Migration of **AIX** OS from 4.3.3 to 5.1, 5.1, 5.2 to 5.3 and 5.3 to 6.1 on **series servers.**
* **Migration of AIX Systems from old p4, p5 to p6 hardware.**
* Experience working on **Power5, Power6 and Power7 P740, P750, P560, P595, P570, P575.**
* Experience in working with **Live Partition Mobility** to perform migration from one frame to another.
* Experience in **MICRO-PARTITIONING** on P series servers.
* Experience in **PowerHA, AIX versions 6 and 7, PowerVM (VIO), HACMP**, Scripting and knowledge of Red Hat Linux.
* Configuration of **HACMP** 4.5, 5.1, 5.2, 5.3 as well as performing failover and failback of **HACMP** Clusters on a regular basis as per the application requirement.
* Migration of **HACMP** from version 4.5 to 5.1.
* Evaluating Open Shift.
* Development Server: Apache Tomcat server – Installation, configuration and management
* Virtualization Sun / Oracle–  Virtual box on Linux hosts
* SAS - SAS Administration / Base SAS programming, Macro and SQL programming, Statistical Analysis
* Good knowledge of regression and regression diagnostics, and modeling.
* Conversant with Basel and Risk Modeling.
* R language Data Modeling, Analysis, Visualization & Reporting -Engineering Computation C/Fortran/Spreadsheets /Excel /MS Access
* Excel /Geekoboard Dashboards
* Excel Functions: lookups, financial, statistical, pivot tables, scenarios, solver and charts

**Languages:**  UNIX Shell Programming (ksh, csh, sh), Verilog HDL, Mat lab with toolboxes, SQL.

**Applications:** Samba, Tivoli (TSM), VERITAS Volume Manager.

**Web Servers:** Apache, Load Balancing, and SSL

**Education:**

Bachelors in Computer Science, CIIT Pakistan, 2006

**Work Experience and Project details:**

**Prudential, Roseland, NJ.**

**Profile: Linux/Unix System Administrator**

**Duration: September 2017 to Present**

**Short project description: Production Support**

* Worked on virtualization technologies/containers (Open Shift, OpenStack, Lpar/VIO, Zone/LDOM, PowerVC).
* Designed, implemented, and maintained UNIX environments (Solaris 10/11 and AIX 6/7).
* Designed, implemented, and maintained Linux environments (RHEL 6/7).
* Hands on Experience in automation with Docker and Puppet.
* Experienced in cloud orchestration for end user deployment of VMs (Cloud Forms).
* Implemented and deployed across various IaaS providers: AWS and Azure (desirable).
* Executed performance tuning activities, developed monitoring processes, and provided performance recommendations for UNIX/Linux environment.
* Performed patching and OS upgrades (rebuilds) and associate hardware break/fix, triage and software Installations related to the patching and OS upgrade activities.
* Supported UNIX/Linux Servers and configurations plus reporting and monitoring.
* Provided 3rd level support including systems diagnostics and systems tuning.
* Interfaced with and guide application owners and developers to install, develop, and maintain, the application servers (essential).
* Established processes and procedures for application loading and configurations.
* Creation of architecture documents, operations process and procedure documents, troubleshooting documents, and run-books.
* Contributed to the design, development and execution of system changes.
* Provided 7x24x365 support for the company.
* Worked in late nights and weekend.
* Worked in a team environment while providing leadership in areas of expertise
* Extensive experience in managing a production environment.
* Providing technical support on application server-related and web applications issues.
* Administration of RHEL AS  5,6,7 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues
* Installed, updated, developed, and supported all custom cartridges for the Open Shift Enterprise   
  platform as well as Linux level installation, configuration, and support of Open Shift Enterprise   
  broker, DNS servers, and nodes.
* Administration of RHEL and AS 5, 6, 7 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
* Knowledge on Administer Linux (RHEL, CentOS) administrator involved in server management
* Performing day to day LVM operations and System Admin tasks.
* Administrating and troubleshooting Red Hat Cluster Suites
* Installed WebSphere Portal Server 5.1/6.0/6.1 and enabled Web Content management.
* Ensuring the technical problems is dealt efficiently and effectively, to minimize service downtime and meet service level agreements and the availability of the Production/TEST/Development environments. Problem management - diagnosis, root cause elimination activity, escalation,

**Verizon, Colorado Springs**

**Profile: Linux/Unix System Administrator**

**Duration: August, 2014 to September 2017**

**Short project description: Production Support**

* Administrating, Installing, configuring and supporting Linux (CentOS)
* Providing technical support on application server-related and web applications issues.
* Administration of RHEL AS  5,6,7 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues
* employment of applications on Linux / UNIX environments
* Experience with Docker and Vagrant for different infrastructure setup and testing of code.
* Help support a 24/7 Linux/Windows trading environment.
* Triage and troubleshoot complex hardware, software and bring existing trouble tickets to resolution.
* Conducted Disaster Recovery management and testing
* Installed, updated, developed, and supported all custom cartridges for the Open Shift Enterprise   
  platform as well as Linux level installation, configuration, and support of Open Shift Enterprise   
  broker, DNS servers, and nodes.
* Experience with container based deployments using Docker, working with Docker images, Docker hub and Docker registries.
* Configured and managing Web Server (Apache)
* Experience in installation of web server apache with SSL certificates
* Monitored and manage the 24x7 operation of multiple high volumes Company`s web sites to ensure highest stability, availability and customer experience
* Administration of RHEL and AS 5, 6, 7 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues
* Performed system administration and operations tasks using Chef and Nagios
* Responsible for set up of BMC Patrol Agents V3.6.50.11i and 3.6.60i environment on UNIX Servers.
* Providing support (Level 2 Operation Support) for daily problem issue regarding UNIX, Cloud, and Neteeza
* Installed and Configured TOMCAT, JBOSS on live web servers
* Configuring and maintaining virtual server environment using VMWARE ESX/ GSX, VSphere 4.x, Xen, HP-UX nPars/vPars, Solaris 10 Zones.
* Taking care Daily RFC, IMR, ER and PMR as per client requirements.
* Knowledge on Administer Linux (RHEL, CentOS) administrator involved in server management
* Performing day to day LVM operations and System Admin tasks.
* Experience in NetApp storage devices, setup, configuration, operations and connecting to pSeries hardware.
* Involved in installing the Solaris Operating system from DVD and from a JumpStart/AI server
* Create virtual media repository and LPAR dedicated virtual optical drives in the VIO servers to make new installations, cloning and migrations faster and easier.
* Administrating Linux servers for several functions include managing Apache web servers, mail server and firewalls in both development and production.
* Configuring an IIS 7 Web Server to Serve Content, monitoring activity, delegating application management, web server security, and HTTP settings.
* Maintaining daily BMC alert and taking action as per situation
* Experience with storage networking, with vendors/technologies such as iSCSI, SAN/NAS, data center storage consolidation, EMC, EVA, NetApp, HDS, HP, or Supported and Good Knowledge of designing IT architectures for storage and backup in the enterprise.
* Monitoring Activity on an IIS 7 Web Server for [Viewing Currently Executing Requests in a Worker Process](http://go.microsoft.com/fwlink/?LinkId=66944).
* Working with Neteeza and providing client support as a daily basis
* Storage Provisioning, Volume and File System Management using Veritas Volume Manager and VeritasFile system (Veritas Storage Foundation), Configuring ZFS file systems.
* Supporting to Network and other infrastructure teams for supporting daily activities
* Mounting file systems, creating directories, files and their securities
* Administrating and troubleshooting Red Hat Cluster Suites
* Working for Infrastructure security management, Application installation & troubleshooting, Patching, Incident and Problem Management for production support
* Experience with installing and configuring sudo, proposed and implemented the idea of building a master sudoers file, and worked on a script to push the file to client LPAR’s on a weekly basis to lock down sudo access as a part of security audit.
* Installed WebSphere Portal Server 5.1/6.0/6.1 and enabled Web Content management.
* Ensuring the technical problems is dealt efficiently and effectively, to minimize service downtime and meet service level agreements and the availability of the Production/TEST/Development environments. Problem management - diagnosis, root cause elimination activity, escalation, tracking and permanent resolution of complex incidents
* Reviewing of IMRs, recommend resolution through changes and executing CMRs in production environment with proper testing in lower environments

**Project Environment: Linux (Red Hat), AIX, Solaris, Vi Editor, Shell Script, VM WARE, IBM WebSphere, Veritas Net backup, Veritas Volume Manager, WebSphere Application Server.**

**Global Systems, Rolla, MO**

**Profile: Linux/ Unix System Admin**

**Duration: July, 2012 to August, 2014**

**Project Name: Technical production support**

**Short project description: Production support**

* Troubleshooting all kinds of Linux/Unix problems and assisting users.
* Coordinate triage activities to direct issues to proper Level II service group, i.e Network, Security, System Administration, etc.
* Perform system installs and performance tuning, configure and administer AIX 5.3, 6.1 LPAR’s.
* Involved in installing infrastructure and maintaining the performance of server, availability. Storage system software and functionality and interface components.
* Storage Provisioning, Volume and File System Management using Veritas Volume Manager and VeritasFile system (Veritas Storage Foundation), Configuring ZFS file systems.
* Handful of experience in Solaris 10 (SPARC and x86)
* Knowledge on Process operations like nice, renice, kill.
* Experience in Web and Application Servers Web logic 10.3.x or 9.x andiPlanet.
* Experienced working with IPMP, Solaris 11, Oracle VM (LDoms)
* Responsible for set up of BMC Patrol Agents V3.6.50.11i and 3.6.60i environment on UNIX Servers.
* Experienced working with scripting like shell and Perl Korn and used awk, grep, find.
* Administered Linux servers for several functions include managing Apache webservers, mail server and firewalls in both development and production
* Involved in troubleshooting shell scripts.
* Configuring Linux environments for Oracle Databases such as kernel configurations, file system layouts, ora file configurations
* Knowledge on Administer Linux (RHEL, CentOS) administrator involved in server management
* Created volumes and maintained functional areas on NetApp F760 filers and exported them via NFS
* Administrating and troubleshooting Red Hat Cluster Suites
* Wrote & automated security audit scripts in the environment.
* Configuring and maintaining virtual server environment using VMWARE ESX/ GSX, VSphere 4.x, Xen, HP-UX nPars/vPars, Solaris 10 Zones.
* Involved in installing the Solaris Operating system from DVD and from a JumpStart/AI server
* Knowledge of Kick start and PXE administration.
* Perform day to day LVM operations and System Admin tasks.
* Experience with IBM Power4, Power5, Power6 and Power7 virtualization.
* Administering and troubleshooting of Red HatClustering.
* Hands on experience using the VI editor.
* Experience working with DELL and HP hardware.
* Knowledge of HP blades and service manager.
* Experience with storage networking, with vendors/technologies such as iSCSI, SAN/NAS, data center storage consolidation, EMC, EVA, NetApp, HDS, HP, or Supported and Good Knowledge of designing IT architectures for storage and backup in the enterprise.

Linux (Red Hat 3/4/5/6) UNIX System and Network administration in Sun Solaris (9/10), HP-UX (10.x,11.x), IBM AIX (5.x), Server Installations, configurations, upgrades and migrations on Solaris, HP- UX, Linux and

**Environment: NetApp, NFS, AIX, Solaris, Redhat, LINUX, Windows 2000 Server, IBM WebSphere, Veritas Net backup, Veritas Volume Manager, WebSphere Application Server.**

**Hudson Group, VA.**

**Profile: Linux System Admin**

**Duration: Jan 2010 to Jun, 2012**

**Project Name: Techno Management Infrastructure**

**Short project description: Production support**

* Experience with installing and configuring sudo, proposed and implemented the idea of building a master sudoers file, and worked on a script to push the file to client LPAR’s on a weekly basis to lock down sudo access as a part of security audit.
* Installed and automated config 2 html scripts on client LPAR’s and documented the RGA AIX environment by designing a webpage to access the cfg2html and ganglia output.
* GSD331 troubleshooting, find any incompliant servers are Remediate GSD331.
* Installed WebSphere Portal Server 5.1/6.0/6.1 and enabled Web Content management.
* Migrated WAS 5.0 Network Deployment and Base on AIX/Windows platforms to WAS 6.0 ND.
* Experience in NetApp storage devices, setup, configuration, operations and connecting to pSeries hardware.
* Perform system installs and performance tuning, configure and administer AIX 5.3, 6.1 LPAR’s.
* Create virtual media repository and LPAR dedicated virtual optical drives in the VIO servers to make new installations, cloning and migrations faster and easier.
* Set up and troubleshoot issues with Secure Shell in the environment to accommodate script automation and password changes.
* Solid understanding of Keon theory, being able to make directory architectural recommendations such as additions to DIT, schema extensions and indexing, Analyze and implements ACLs.
* Worked on AIX 5.3 and 6.1 running on ten P5s (P550 and P560), two P6s (P6 550), and six P7s (P700, P702 and P750) attached to EMC storage subsystems.
* Experience with Power VM 2.2 (VIO), HMC Version 6 and 7, EMC CLARiiON subsystem device configuration (Power path).
* Power VM Virtualization (SEA, vSCSI, NPIV), Dynamic LPAR (DLAPR).
* Experience with Integrated Virtualization Manager (IVM).
* Experience in installing configuring and administering MQ 5.3/6.0 on AIX, Linux and Windows environments.
* Installation and configuration of LPARs with AIX 5.3 on P5 servers. Manage LPARs and provide virtual memory management and memory optimization.

***Environment:* Linux/RedHat Linux, Vi Editor, Unix/Linux, Shell Scripts, VMWARE.**

**Envision, VA**

**June 2008 - Dec 2009**

**Production support**

**AIX Systems Administrator** Installed IBM AIX 5.2 on IBM RS/6000 machines and WebSphere Application Server (3.5.6) on AIX (4.3).

Involved in mounting file systems, creating directories, files and their securities AIX.

* Maintained and monitored the business applications CICLOPS, FourGen, etc. on IBM AIX 5.2, 5.1 & 4.4, 4.3 Servers.
* Involved in assessing and tuning the performance of AIX on RS/6000 systems.
* Implemented Load balancing (LSF 3.2) solutions on the Build and Application servers.
* Administered Linux servers for several functions include managing Apache webservers, mail server and firewalls in both development and production.
* Installed Veritas Volume Manager and created mirrored and striped volumes and file systems.
* Managed Sun A1000 and D1000 storage arrays with Veritas Volume Manager.
* Created volumes and maintained functional areas on NetApp F760 filers and exported them via NFS.
* Worked closely with Network and other infrastructure teams for supporting daily activities i.e. system/network changes for all Solaris, AIX and Windows 2000 Servers.
* Implemented standard backup procedures for multiple enterprise applications running on various OS and web servers.
* Configured VERITAS NetBackup 3.2 for Network backup, restore and archival of network clients and managed ATL tape libraries.

***Environment:* NetApp, NFS, AIX, Solaris, LINUX(Redhat), Windows 2000 Server, IBM WebSphere, Veritas Net backup, Veritas Volume Manager, WebSphere Application Server.**

|  |
| --- |
|  |
|  |