**Muhammad Kamran Khan**

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**Professional Summary**

* Over six (6+) year experience in IT infrastructure administration and Engineering.
* Expertise in several flavors of Linux including Red Hat 6x, 7x, CentOS and Ubuntu.
* Experience with Desktop OS (Windows 7, Windows 8 and Windows 10). Servers OS (Windows 2003, 2008 and 2012).
* Expertise in wide range of IT disciplines specializing in Oracle WebLogic Application Server, maintenance, integration of servers with web servers.
* Experience in installation, configuration, deployment and management of Enterprise J2EE Applications in clustered and non-clustered environment using various Application servers including Oracle WebLogic Application server.
* TCP/IP, DNS, DHCP, VPN, WINS, SMTP, NFS, VMware vSphere.
* Configuration of Cisco routers, hubs and switches.
* Avira AntiVirus, Symantec Antivirus, Bitdefender, Microsoft Security Essentials, Malwarebytes, Avast, AVG, PC Tools Firewall Plus, Antivirus for Linux.

**Technical Skill Sets:**

***Operating Systems:***

Red HAT Linux 6x, 7x, Sun Solaris, Centos 7x, Windows Server 2003, 2008, and 2012 Server

**Hardware:**

***Middleware:***

Oracle WebLogic Application Server 11g, WebSphere Application server 5.x, 6.x, 7.x, 8.x, WebSphere Commerce, JBOSS 6x, Tomcat 6/7/8.

**Languages:**

C, Java, VisualBasic, and HTML/XML

**Professional Experience**

***Beyond Management Group, Inc.***

*Norcross, GA*

*Joined again Jan-2017 to current*

*Before, August-2008 to March-2012*

***Linux & WebLogic Admin***

* Installation, Administration and Configuration of WebLogic Application Server 9.2/10.3 on Redhat Enterprise 5.5
* Used Tomcat 6 as servlet container for various in house web applications
* Configuration and Maintenance of JDBC, JMS, JNDI and other J2EE Services with WebLogic 9.2/10.3.
* Configured Apache as proxy WebLogic Application Servers.
* JNDI repository configuration for EJB Home stubs, JDBC Data source, JMS connection factories and queues.
* Involved with Development, QA and build release team for Application Deployment (WAR, JAR, EAR) in Clustered WLS domain environments to achieve High Availability and Fail-over.
* Maintained Shell scripts and WLST for deployment of application code to Development, System Test and Production environments (Clustered).
* Performed performance tuning of WLS for optimal performance by optimizing the Java memory settings and GC parameters. Also used other tuning techniques like using work managers for prioritizing tasks, using native muxers for incoming requests and setting up network channels for optimal WLS performance.
* Node manager configuration for administering and remote starting Managed Servers.
* Upgrade of WebLogic 9.2 to WebLogic 10.3 by smart tools.
* Installation, configuration and administration of JBoss AS6
* Install, configure and administer BEA weblogic Server 11g in various environments.
* Install and configure Apache web server.
* Deployed the applications on multiple Weblogic Servers and maintained loadbalancing, high availability and Failover functionalities.
* Troubleshooting application issues using log analysis, thread dump analysis and heap dump analysis.
* Performance Analysis of WebLogic 10.3 Server using Wily Interscope

**Royal Diamonds Co.**

From April-2007-April-2008

***Systems Admin***

* Involvement with the customer care and deployment teams in trouble shooting and fixing day-to-day problems of the applications in production on 24/7 schedule.
* Migration from WebLogic 7.0 to WebLogic 8.1.
* Administration and configuration of WebLogic 8.1 in deployment and production environments.
* Application deployment (WAR, JAR, EAR).
* Development and maintenance of Shell scripts that facilitate the administration of BEA WebLogic.
* Configuration and clustering of WebLogic Application Servers.
* Load balancing and performance tuning.
* Troubleshooting WebLogic server connection pooling and connection manager with Oracle 8i, and DB2.
* Testing and profiling to measure the performance of the applications.
* Conducted performance and scalability audits of applications and the application servers.
* Administration and monitoring of WebLogic admin and managed servers.
* Shell scripting to automate the maintenance process of the WebLogic server and recover the backed-up WebLogic configuration.
* Creation of SSL and Digital Certificates for requesting, generating and the implementation of the communication link between the web server and the application server.

**Network Solution Provider**

**From Jan-2004 to Jan-2007**

***Network / System Admin***

* Coordinate, schedule and execute installation of periodic upgrades
* Installing, configuring, administration web applications like WebSphere Server 6.0 on Solaris.
* Plan, coordinate and execute maintenance/feature release installations adhering to the Change Control and Release Management Processes.
* Performance and fine-tuning of the Tuxedo/CORBA WLE 5.1 domain’s application services.
* Resolving the Production/Non-production related Trouble Reports / Incident Reports, conducting root cause
* Analysis and plan necessary process improvement.
* Installing, Upgrading and maintenance of Patch and Package Installations in development, Pre-Production and Production environments.
* Configuring the Solaris kernel parameters for the ATLYS Application.
* Troubleshooting of NFS & NIS File System problems.
* System/Application resource monitoring and troubleshooting (like file system space, IPC resources, CPU, Swap Space)
* Regular monitoring of file system, daemons, server transaction capacities using tools like BMCPatrol.
* Ensure backups of critical files are scheduled and completed.
* Taking part in the Change Control Board discussions representing the SA team.
* Maintenance and configurations of online and/or real time interfaces

**Human Resources Network at Verizon Wireless and other clients**

**Los Angeles, CA. From May-2002 to Oct-2003**

***Systems Engineer***

* Unix and Windows Client Administration
* Operating System Installations and Configuration
* Solaris Installation on SPARC
* Installation Tools Include Jumpstart, Custom Jumpstart
* Linux OS Installation on Intel
* Most of the Crash Recovery Problems Using fsck and disk checking
* Managing Server Performances
* Monitoring System Performance using netstat, snoop
* Adding Swap Space for Solaris and Linux
* System and Kernel Log Management using syslog
* Performance Tuning with Kernel parameters
* System Hardware Setup
* Printer Setup, modems, scanners and other peripherals installations.
* Prepares necessary reports & System Documentation
* DHCP Setup
* Server Configuration
* BOOTP Relay Agent Configuration
* Client Configuration
* DNS Setup
* Primary Server setup
* Secondary server setup

**Education & Certification:**

* University of Karachi Bachelor of Science (B.Sc)
* Associate Degree in Computer Science, Wayne County Community College, Detroit, MI
* Associate Degree in Computer Networking, Wayne County Community College, Detroit, MI
* CISCO Certified Network Associate (CCNA)
* Microsoft Certified System Engineer (MCSE)