**Miraj Desai**

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**EXPERIENCE SUMMARY:**

* **7+ Years** of experience in IT field with every increasing levels of responsibility and expertise in a wide range of IT disciplines specializing in **Oracle WebLogic Application Server v8/9.x/10.x/11g/12c, IBM WebSphere Application server v6.x/7.0, maintenance, integration including Tomcat Apache Server v6.0.**
* Expertise in Installation, Configuration, Trouble-Shooting and Maintenance of **Oracle/BEA WebLogic Server 7.0/8.1/9.x/10.x/11g/12c, JBOSS 4.x/5.x/6.x/7**, **FUSE,** **Tomcat**, iplanet Web Server, Apache Web Server on different UNIX flavors and environments.
* Extensively worked on **Oracle BEA WebLogic 8.x/9.x/10.x/11g/12c Server**, **Apache http Server 2.2.x** as administrator for Server Installations, Configuration, Application components deployment, performance tuning including troubleshooting and maintenance.
* Involved in migrating **WebSphere Application Server 6.1 to 7.x and 8.0.**
* Involved in Migrating **WebSphere commerce 6.1 to 7.0.**
* Excellent working knowledge of Operation & Production Support with large mission critical systems in multiple technologies and platforms including **WebLogic, SOA, Apache and UNIX.**
* Experience with installing, configuring, administering, implementing and **performance tuning** clustered **SOA** environments (10g/11g).
* Experience in setting High Availability and clustering for **SOA suite.**
* Experience in deployment in **SOA suite** with Stage, No-stage, External stage modes.
* Worked with Configuration management tool **Puppet** which is used to manage Linux servers.
* Installed and configured of **SOA**, **BPEL**, **OSB** and **OHS** server.
* Created repositories using **RCU (Repository Creation Utility).**
* Excellent working knowledge in configuring multiple WebLogic domains including machines, manage servers and cluster environments.
* Deployed various **WAR, JAR, EAR and J2EE** applications on managed servers and in clustered environment using Console or auto deployment scripts in stage and production.
* Configured and administered **JDBC Connection pools/Data sources, JMS Connection Factories and other JMS artifacts like JMS Servers, Distributed Queues.**
* Configuration management using **Amazon Cloud Formation**, **Continuous integration with Jenkins** and Bamboo. **AWS** management (EC2, EBS, ASG, RDS, R53).
* Hands-on experience with configuration & automation tools such as **CHEF and PUPPET.**
* Experience with **Jenkins/Maven deployment** and build management system.
* Deployed proxy and business services using **OSB** console
* Expertise in migration and up gradation of **WebLogic Server** and updating JDK versions, applying patches and installing service packs for **WebLogic server.**
* Performed troubleshooting of **OSB** service calls by enabling tracing and using test console.
* Extensive hands-on experience in setting up multiple clusters and implementing Load Balancing, High Availability and Failover functionality.
* Configuration of **WebLogic proxy plug-in** and applications on servers like **Apache 2.x HTTP Server**.
* Good experience in configuring and managing secured environments using SSL and digital certificates.
* Experienced in writing **UNIX Shell Scripts** and implementing auto deployment process.
* Performed thread dump analysis manually by looking for common symptoms like dead locks.
* Installed and configured **Wily agent, Wily enterprise manager and Introscope Workstation** and provide application monitoring and measurement using **Wily Introscope.**
* Developed startup and shutdown scripts for the **WebLogic servers.**
* Coordinated with BEA to resolve issues related with **BEA WebLogic products.**
* Excellent problem solving skills with a strong technical background and good communication and interpersonal skills. Self-motivated and a good team player.

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| **TECHNICAL SKILLS:** |

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| **Application Servers** | Oracle WebLogic 8.1/9.x/10.x/12.x Oracle SOA Suite 11g, OSB 11g, OEM 11g, WebLogic Portal 10I.3.5, IBM Web Sphere 6.x7.0,8.0,8.5, GlassFish V3.1/4.x, Tomcat 5.x,6.x, JBoss AS 7.0/6.0/5.1,TIBCO 5.10x,5.1x,4.9x |
| **Web Servers:** | Apache Web Server 2.x/2.2.x, SunOne 6.1, IIS5.x/6.x/7.x, Oracle HTTP Server, IBM HTTP Server. |
| **Operating Systems** | Red Hat Enterprise Linux 4.x/5.x/6.x, Solaris 8/9/10, SUSE Linux, AIX 5.3, V6.1, Windows NT/XP/2003/2008. |
| **Languages** | Java, C, C++, PL/SQL, COBOL |
| **J2EE Technologies    :** | Visual Studio 2013/2012/2010/2008/2005, Front Page, SQL Enterprise Manager, SQL Management Studio 2008/2012. |
| **Tools and Utilities**    : | Cute FTP, JProbe, Ant, XMLSpy, Symantec ESM 6.5 HP Proliant Blade Servers, Remedy, Service Now, Build tool Robot, Jenkins/Hudson, BuildBot, Parabuild,SDLC - agile, CruiseControl, Bamboo, Puppet, QlikView, WebMethods Integration Platform 8.2/9.x, Web Methods Developer, AEM5.6.1, Siteminder policy server  R6.0 SP5 CR32. |
| **Protocols :** | T3, T3S, Http, Https, Ftp, SOAP, LDAP, RMI/IIOP and TCP/IP. |
| **Database and DB Tools** | Oracle 10g, MS SQL Server 2005, TOAD, SQL Navigator, SQL Plus, MS Access, Oracle database 12 |

**Professional Experience**

**Client: Rockford Health System Rockford, IL Jun’15 to Till Date**

**Role: Sr. Middleware Administrator**

**Responsibilities:**

* Installed, configured, integrated, tuned and administered **WebLogic 11g/12c, R1/Tomcat 6.0** in various environments viz. DEV, QA, UAT, PRE-PROD and PROD.
* Installing, configuring and administering a large number of clustered web application servers (JBoss Enterprise application Platform, **JBoss EWS**, Tomcat, Glassfish) hosted on RHEL/Windows platforms.
* **Migrated** 50 web applications running in Web logic platform to JBoss Platform.
* Slimming and fine tuning the Enterprise **JBoss** Application server image.
* Deployment of application on **JBoss** clusters.
* Installs latest **fix packs** and patches on these software's on a regular/periodic basis.
* Creating CSR, Installation of SSL certificates on **JBoss** EWS.
* Setting up the **Maven** central repository using Arti-factory.
* Administering **Jenkins** and Setting up Jenkins **Master** and Slave.
* Setting up **Jenkins** Jobs.
* Extensive experience with RedHat Linux 6.0 and Experience in **WLST, FUSE** and Jython scripts for repeated Weblogic administration activities.
* Setting up the automation environment for Application team if necessary, and help them through the process of **build** and **release** automation.
* Java Virtual Machine tuning in **JDK 1.4 - 1.7** including configuration and real time monitoring of heap/non-heap sizing and garbage collection methodology
* Installed and configured 2.2 by **Apache web server** using MOD\_JK.
* Set up cluster environment for **WebLogic Server** integrated with multiple workflows.
* Installation, configuring and tuning of **Apache web servers in Linux** environments.
* Carried out daily stand-up meetings, reviews, retrospectives, sprint and release planning, demos, and other **Scrum**-related meetings for three teams.
* Managed teams doing a combination of **Kanban** with daily Scrum for development and delivery of Java based code.
* Used **JIRA** tool for managing Scrum/Kanban, artifacts and team performance.
* Took responsibility of delivery and management of the tasks. Created Web Logic **WLST** scripts for automated deployments and start/stop of servers
* Experience in Web-based applications, **SOA** (Services Oriented Architectures) and Web application servers (WebLogic).
* Installed and Configured IBM Web sphere 6.0 in DEV, Test, PPE, PROD environments and provided support.
* Competency in Oracle database structures and **SQL** and experience in WebLogic administration in Red Hat Linux environment including installation, configuration, tuning, and deployment of applications.
* Configured and Integrated **IBM MQ 6** with Weblogic Application server for request center and provided support.
* Configured and worked with **Apache SSL** modules in the process of installing SSL certificates on to the Web and Application servers.
* Configured **Apache 2.2 on** different physical and virtual boxes in various environments to handle the static content.
* Installed and Configured Siteminder Policy Server 6.0 on DEV, Test, PPE and PROD and provided support for TWH application.
* Configured Oracle OSB 11.1 in a Clustered Environment. For the GSI application and provided support.
* Configured Oracle OSB 11.1 as a proxy service for the JTA Transactions.
* Used SOA-Direct Transport with Oracle SOA suite 11g.
* Installed and configured OEM 11g and created business work flows and monitored the applications
* Created Dashboards in WILY Introscope and monitored JVM instances for J2EE applications.
* Worked as 24/7 Production analyst on a bi-weekly basis.
* Worked on load balancing, failover and clustering with multiple Tomcat instances.
* Wrote Shell scripts that grab images from remote servers onto local servers using rsync utility for the performance test environments.
* Updated Shell scripts to monitor installed enterprise applications and to get information from the logs and database in the required format and other daily activities and jobs.
* Monitored enterprise eCommerce applications using Java Monitoring and Management Console (JMX).
* Updated Perl scripts for the automation of startup and shutdown process.
* Analyzed server performance data and identify all sources of problems and recommend course of action to increase performance.
* Creating and raising the certificate requests (CSR) and installing SSL on IIS servers for Dev/Test/Stage/Prod environments.
* Worked on migration from WebLogic 10.3.x to Web logic 12.1.x
* Provided Web Logic server instances into WebLogic clusters for high availability.
* Worked in WebLogic server and JBoss like JDBC, security, and install apache server configuration.
* Performed installing, configuring, administering and performance tuning clustered SOA environments.
* Worked with Big IP F5 Load Balancer administration, shell scripting for alerting and alarming on applications.

**ENVIRONMENT:** Oracle WebLogic 10.3.6, Oracle SOA 10g/11g, OEM 11g, IIS5.x/6.x/7.x,GlassFish V3.1/4.x, JBoss AS 7.0/6.0/5, TIBCO 5.10x, 5.1x, 4.9x Unix/Linux, Shell/Perl Scripting, webMethods Integration Platform 8.2/9.x, WebMethods Developer, Oracle11g RAC, puppet, RHEL 5.x/6.x,AIX 5.3, V6.1, SiteMinder Policy Server R6.0 SP5 CR32, Siteminder Policy Server R12 SP3 CR09 Apache Server 2.2.22, Site minder, WLST.

**Client: SIRIUS XM, Washington DC Oct’14-May’15**

**Role: Sr. Weblogic/JBOSS Admin**

**Responsibilities:**

* Installed, Configured and administered of **JBoss 5.x/6.x, FUSE, Oracle WebLogic Server 10.x /11g**, and Web servers like **Apache**, **IIS** in Development, Test and Production Environments.
* Worked in Administration, Maintenance, Support and Scaling of application Servers (**WebLogic**, **Oracle Fusion Middleware**, **Tomcat and JBoss** ).
* Worked on upgrading the environment from **WebLogic 10.x** to **JBoss 6.x**.
* Created SSL certificates for **JBoss 5.x/6.x.**
* Created **JBoss EAP 5.x/6.x** domains with central architecture and performed deployments using console.
* Configured and created **JMS** queues & topics, Connection Factories, Data sources.
* Performed stop/starting **JBoss 5.x/6.x**centrally from console by taking advantage of domain controller.
* Authored **JBoss CLI** scripts to gather health metrics for **JBoss 6.x** instances.
* Involved in setting up the monitoring for JBoss infrastructure using **JBoss JON 3.2** with Oracle as the backend database.
* Automated **WAR** deployment procedure in production environment running on **JBoss EAP 6.x** using UNIX shell script.
* Involved in setting **JBoss EAP 5.x/6.x** environment across multiple machines with **domain controller** and **host controller** processes.
* Responsible for maintaining consumer applications to be highly available.
* Experienced in **WLST**, **Jython** and **ANT** scripting to automate and monitor the **WebLogic** routine tasks.
* Installed **BEA/Oracle WebLogic patches** using Smart Update tool, and troubleshooting application and post-installation issues.
* React to any given technical situation that requires immediate attention to ensure maximum system availability **24 hours a day, 7 days a week**.
* Participate in an **on-call rotation** schedule.
* Created **SSL certificates** for JBoss 5.x/6.x.
* Troubleshoot, maintain and patch applications as recommended by third party vendors.
* Perform **configuration, tuning, installation, validation, testing** and other preparations of applications for rapid deployment.
* Respond to server monitoring alerts by investigating problems and developing solutions for related issues.
* Performed **routine and preventative maintenance** and timely apply application patches as mandated by the security and applications team.

**Environment**: JBoss 6.x/7.x, WebLogic 10.x/11g, Tomcat 7.0.x, JON 3.2, Apache 2.x, IIS, Splunk, Hyperic, Oracle 10g, RHEL 5.x/6.x, Sitescope 9.5.

**Client: Delta Financial, Syosset, NY May’12-Oct’14**

**Role: Middleware Administrator**

**Responsibilities:**

* Responsible for installation, configuration, troubleshooting, Deployments and maintaining **WebLogic Application and Web Servers.**
* Experience in writing **WLST scripts** for deployment, start and stop servers.
* Configured **Secure Sockets Layers (SSL)** for data encryption and client authentication and Two Way SSL for WebLogic 8.1/9.2 using Key tool.
* Configured **WebLogic JDBC** services with **Oracle 8i/9i/10g**, created database pools and defined data-source for JNDI lookup.
* Configured JMS service in **WebLogic** for JNDI lookup.
* Developed and maintained shell scripts that facilitate the Administration of **WebLogic.**
* Wrote **UNIX shell scripts** (KSH, BASH, CSH) for production environment to create, update, delete, start and stop in WebLogic Admin and Application Servers.
* Troubleshoot **WebLogic Application Server** connection pooling and connection manager with Oracle and DB2.
* Responsible for application (EAR, WAR, and EJB) deployment using console and scripting automated deployment of the applications.
* Configured Clusters, **load-balancing and fail-over solutions** and **Web Server plug-ins** for **WebLogic application server.**
* Administration of active applications, application **performance monitoring**, CPU utilization using Wily Introscope.
* Developed shell scripts to automate backup, automate scheduled maintenance by executing the scripts from the crontab.
* Used **WLST** to have an automated way of creating and managing domains.
* Setting up the cluster environment for **WebLogic Server integrated** with multiple workflows.
* Configured applications in various work environments like Development, System Test and Production.
* Utilized the **WebLogic Admin** utility for retrieving and analyzing the Thread dump information, including the Web Logic's Server state information, license information, storing user credentials etc.
* Analyze **WebLogic server** log files, thread dumps, logs, configuration files, dump files and core files to identify the possible causes of the problem.
* Configured LDAP and provided support for applications.
* Deployment and troubleshooting of **JAR, WAR, and EAR** files in domain and clustered environments.
* Created **SSL and Digital Certificates** for requesting, generating and implementation for the communication between web server and the Application Server.
* Actively involved in co-ordination efforts to integrate various enterprise applications involving multiple architectures and technologies by working with development and QA teams.
* Work with vendors and developers for application related issues, Responsible for 24/7 server and environment availability and monitoring.
* Configure Proxy Plug-ins Between **Apache, SunOne (iPlanet)** and **WebLogic Server** for **Load Balancing.**
* Troubleshooting the connection pools and performance tuning the connection pools and data sources.
* Monitoring the startup logs for any exceptions or errors. Performing regular health checks for the servers in the UAT and Production environments.

**Environment:** WebLogic Server 10.3.x, JDK1.5, SSL, JDBC, Apache, WLST, UNIX (Solaris 8/9.0/10.0, LINUX 5), Oracle 10g.

**Client: Comerica Dallas, TX Jan’10-Apr’12**

**Role: WebLogic Adminstrator**

**Responsibilities:**

* Performed **Installation** and **Administration** of **BEA Weblogic 10/11g**
* **Migrating** and **Upgrading** of **Weblogic 9.2/10 server** instances to **Weblogic 10.3.4 Server.**
* Performed **Installation** and **Administration** of Apache webserver **2.2.14/2.2.19/2.2.20**.
* **Migrating** and **Upgrading** of Apache instances from **2.2.14 to 2.2.19/2.2.20.**
* **Installed** and **Configured Site Minder.**
* Performed **Installation** and **Administration** of **Oracle SOA Suite 11.1.1.2**
* **Deployed composite applications using EM console and ANT build scripts for SOA Suite 11g.**
* **Migrating Oracle HTTP Server** Services to **Apache.**
* Configured **SSL Certificates** for Weblogic and Apache servers.
* **Installed and Configured LDAP server, Configured security providers.**
* Wrote scripts for creating, configuring, starting Weblogic servers using **WLST**.
* Very good Knowledge and experience with ANT, Cruise Control, **Maven**.
* Setup and configured large **Enterprise Weblogic Clusters** utilizing BEA’s Weblogic 10 and 9.2 MP1, wrote scripts and Java utilities that determine the performance of the Staging and Production sites.
* Involved in Weblogic 11g/10/9.2 testing and analyzing performance metrics and creating respective Weblogic resources.
* **Deployed** the **WAR, JAR and EAR** applications in Weblogic**10/11g** Responsible for application changes across different platforms- development, testing, staging and production environments.
* Developed several scripts using **KSH** and **BASH** to automate jobs. ( **Security audit scripts, password automation scripts, network stats, file storage, etc**)
* Created Weblogic domains, managed servers, clusters, machines and start up scripts.
* Involved in the migration of the applications from tomcat 5.5 to WebLogic Server 10.3
* Configured **JDBC** resources, data sources and bounded to the J2EE applications, configured the connection pools for the data sources. Created the **Oracle Application server**, **JMS Server, JMS Connection Factories, Queues, Topics, Database Store** and **Message Bridges** and monitored.
* Managing and Monitoring the **JVM** performance by **Weblogic Heap Size, garbage collection, JDBC Pools** and taking **Thread dumps, pstack and prstat** and analyzing to find the problems in application. Configured the Session Management i.e. Memory to Memory and Database replication on Weblogic Application server.
* Years of experience in **development and deployment** of enterprise applications onWeblogic, and Tomcat application servers
* Involved in doing a performance benchmark of Weblogic server by using Load runner.
* Developed scripts (start, stop, backup & recovery processes) for Weblogic application server administration. Developed **WLST/JYTHON, ANTscripts**, **and UNIX shell scripts** to automate the deployment process.
* Expertise in managing the databases and application servers OEM (Oracle Enterprise Manager grid control.
* Expertise in writing **WLST scripts using Jython/Python** for starting, stopping servers, Node managers and deploying applications.
* Configured One-way and Two-way **SSL Certificates** for Weblogic Server
* Working knowledge of tools like **IBM Rational ClearCase, which** improves team productivity and efficiency
* Used oracle security middleware to control and access to data and to restrict the use of various database resources.
* Monitored Weblogic server resources using **Wily 6.0 Introscope**.
* Defining and maintaining Queue Managers and **MQ Objects** on various platforms
* Identifying the need for and defining channels and queues and monitoring them.
* Involved in 24/7 support for production environments

**Environment:** BEA Weblogic 8.1/9.2/10.3.0, OracleWebSphere 6.x, 7.x, 6.0, JBoss , MQ 5.3, 6.0, iPlanet (Sun One 6.0), Apache, IIS, Sun Solaris 8, 9, 10,Red Hat Linux, Windows 2003, JVM, Cisco Load balancer, F5, Oracle 9i, 10g, DB2, SQL server, CVS.

**Client: Inspira Technology Solutions, India Sep’08-Dec’09**

**Role: Web Engineer**

**Responsibilities:**

* Installed and configured Weblogic Server 8.1 on Sun Solaris.
* Deployed **WARS** and **EARS** using Weblogic Admin Console as well as running scripts.
* Focal point for project design and architecture for Weblogic Application server layout, which includes Internet and Intranet Web Sites.
* Configured Node Manager to start and stop servers from admin console.
* Configured **JDBC** connection pools and data sources for the applications.
* Configured **JMS** Connection factories and Queues for messaging applications.
* Involved in monitoring and tuning performance metrics like **JVM, execute threads, JDBC connections.**
* Developed BEA Weblogic Application Server regular administration tasks scripts.
* Actively involved in monitoring **server performance, network tr**affic to reduce performance bottleneck by enhanced performance ensuring upstream queuing.
* Configured the Web Server interfaces, session management, virtual hosts and transports for BEA Weblogic Application Servers.
* Create the **Data Source, Connection Pool** and test the Connection to connecting the DB or Not.
* Creating the User, Groups and Provide the Global Roles for that Groups or Users.
* Create the Connection Pool and Data Source for Connecting the Oracle Database.
* Involved in **bridge calls** for troubleshooting.
* Worked closely with development team to troubleshoot ongoing issues in applications.
* Created scripts to deploy applications from **command line and automate log** archiving.

**Environment: BEA Weblogic Server 8.1, Apache HTTP Server 2.x, Windows 7, Oracle 9i/10g, SQL Server 2000, Solaris 9.x/10.x.**