**Kalpana Akula**

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**Professional Summary:**

Professional with almost 7 years of robust experience in Middleware technologiesworking as Oracle WebLogic (8/9/10/11/12)/SOA (11g) administrator/Middleware Administration inSolaris, Linux and Windows platforms.Extensive experience handling all the aspects of **Installation, Configuration, Troubleshooting,** Load Balancing, Clustering, **Deploying Applications**, **Performance Tuning** and Maintenance of WebLogic Server versions 11g, 12c, SOA environments (11g). Worked on cloning, patching, code migrations and pack-unpack of the domains.

* **Dedicated and hardworking professional** in the field of Client/Server Applications andWebLogic/ Middleware server Administration.
* **Installed, configured and administered BEA/Oracle WebLogic**, Apache HTTP and OHS servers in various environments (Dev, SIT, PreProd, Prod and DR).
* Proficiency and experience in Oracle SOA Suite 11g (BPEL, OSB and BAM), OBIEE, LDAP servers.
* Worked on OAM (Oracle Access Manager), OVD Single Sign On.
* **Implemented** SSO on various applications (apache 2.2.x, IIS). Installed web gate and configured policies in OAM for Cert mode SSO agents.
* Deployed applications in Linux and solaris servers using WebLogic application server on Redhat Linux 5.0 and Solaris servers.Configured Node manager for remotely starting servers.
* EAR, WAR, JAR Deployment – Stage, No-Stage, External Stage mode – Archive and Exploded Directory format
* Experience in using **Git, Jenkins, Ansible and AWS services** which reduce the effort of developers and operation teams in performing maintenance and daily operations.
* Experience in **managing, configuring and administering Jenkins server**
* **Developed and maintained** configuration manuals, procedure manuals and standards
* Implemented Shell scripts as part of activity to parse the log and identify any issues.
* **Expertise** in the Administration, Installing, Configuring Web Servers like **Oracle HTTP Server, Apache 2.0/2.2.x and Microsoft IIS Server.**
* **WebLogic and Tomcat Administrator experience, with knowledge in clustering, JMS, Connection Pools, J2EE Deployments, Thread Dump Analysis.**
* **Performed root cause analysis and suggested** tuning methods for Server problems like Server Crashes, Hangs and Out of Memory issues in various **JDKs like SUN JDK 1.4.x/1.5.x/1.6.x and BEA JROCKIT 1.4.x/1.5.x/16. x.**
* Experienced on capacity planning and performance tuning of J2EE applications and platforms, using **Wily Introscope.**
* Experienced in configuring WebLogic servers in a **Cluster solution for High Availability, Load balancing and fail over support.**
* Extensive experience in **WLST, Python, shell scripting (bash)** scripting to automate and monitor the WebLogic routine tasks.
* Versatile team player with excellent analytical, presentation and interpersonal skills with an aptitude to learn new technologies. Worked on waterfall and agile methodologies.

**Technical Skills:**

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| **Operating Systems:** | **Red Hat Enterprise Linux 4.x/5.x/6.x, Solaris 8/9/10/11, Windows 2003/2008.** |
| **ApplicationServers:**  **FusionMiddlewareTechnology:** | **Oracle WebLogic 8.1/9.x/10.x/12c, Oracle SOA Suite 10g/11g, OSB 11g, OEM 11g, WebLogic Portal 10I.3.5, IBM WebSphere 6.x, Tomcat 5.x,6.x, JBoss 4.x, BEA Tuxedo Connector 9.0/8.1**  **Oracle SOA Suite 11g, BAM, OSB, BPEL, OBIEE,WebCenter, OID, OVD** |
| **Web Servers:** | **Apache Web Server 2.x/2.2.x, SunOne 6.1, OHS, IIS** |
| **Scripting:** | **Scripting Languages: WLST, JavaScript, Shell Script, Python** |
| **Tools/Utilities:** | **Automation tools (Jenkins, Chef, Puppet, GIT HUB), Oracle WCP, JConsole, Site scope, Wily Introscope.** |
| **JAVA/J2EE Technologies:**  **General Tools:** | **JDBC, JSP, JMS, JNDI, Hibernate, SOAP, WSDL, HTML**  **Monitoring Tools(JConsole, Site scope, Wily Introscope)**.**HP ALM, BMC Remedy, MySQL, Share Point, CA Siteminder, Change Request Team Track, ServiceNow, File Zilla, WINSCP, Tectia, Putty, MS Project Std., MS Visio, MS Office, CA Clarity PPM.** |
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**Professional Experience:**

**CSRA Inc. – Columbia, MD July 2016 – Present**

**Middleware/Weblogic Administrator**

The work is in support of the Development Effort Consolidation Control (DECC) of which CSRA is the lead under the Center for Medicare and Medicaid Services (CMS), healthcare system environment. CSRA leads clients on their digital transformation journey, providing innovative next-generation technology solutions and services that leverage deep industry expertise, global scale, technology independence and an extensive partner community. We are supporting the collection, analysis, reporting and management of claims, clinical, survey and project data from Medicare and Medicaid providers.

**Responsibilities:**

* Performed **WebLogic Server administration 10.x/11G/12C taskson Solaris 10/11**such as installing, configuring, monitoring and performance tuning in Dev, SBX and upper environments.
* Responsible for **sending out the ‘Daily Environment Status Report’**of all the environments by verifying and troubleshooting the domain status and CMS site portal login issues
* Worked on cloning, patching, code migrations and pack-unpack of the domains.
* Performed **migration and Upgradation tasks** like upgrading WebLogic server and **updating JDK's** and installing service packs and patches for WebLogic Server.
* Performed**COTS upgrade &IN PLACE** upgrade which includes jdk installation, binary upgrade, RCU schema upgrade and applying patches
* Proficient in creating new WebLogic servers, clusters, JMS queues, messaging bridges and destinations, troubleshooting various WebLogic issues and licensing issues and fine tuning the server performance.
* Installed and deployed HPE Security Fortify Software Security Center on **WebLogic 12C** which is a centralized management repository for scan result.
* Worked on analyzing**Heap dumps and Thread dumps and core dumps**.
* Perform the performance tuning of WebLogic server with respect to heap, threads, and connection pools.Proficiency and experience in **Oracle SOA Suite 11g (BPEL, OSB and BAM)**
* Experience in Administration and configuration of **OBIEE 10g/11g platforms**.
* Installed, upgraded patches, deployment, monitor, tuning and configuration of Web Logic application server in multi cluster/server environment. Hands on experience with **Oracle Access Manager (OAM), Oracle Identity**
* Configuring **Oracle SOA Suite and OSB Infrastructure Properties.**Setting up the cluster environment for Web Logic server.
* **24/7 on-call supports for critical business applications** that handle a million transactions per hour, which included development, testing, break fix, and production environments. Web Logic error log files and application error log files to track and fix bugs.Daily monitoring and troubleshooting of issues using **HP ALM and BMC Remedy ticketing system**.
* Hands-on **Apache, IIS, and other web services** design, implementation, configuration, and maintenance experience
* Created continuous integration system using **Ant, Jenkins, Puppet** full automation, Continuous Integration, faster and flawless deployments.
* Log monitoring on **OBIEE Analytics**, BI scheduler server and presentation servers includes Web logic server. Worked on Oracle fusion middleware products such as **Web Center, BPM, BPEL, UCM as well as Oracle BI**
* Work **closely with vendors** to apply necessary patches to the middleware (Oracle WebLogicand Apache Web Server) products.
* Experience integrating WebLogic with an **LDAP based Identity Management** system such as Active Directory.
* **Participated inmonthly maintenance weekends activities** which includes shutting down the domains in all environments and bring all**domains**back online, troubleshooting and verifying to check all the vanity URL’s are accessible, Portal login verifications, checking application deployment status, testing all the data sources in all environments and finally making sure all the domains, portals, DECC dashboard are up and running.
* Managing and Monitoring the **JVM performance by WebLogic Heap size and Garbage Collection parameters.**
* Created Web Logic Portal domain and created projects, application and portal application in Web Logic.

**Environment:** Oracle WebLogic server 11g/12C, Apache 2.2, Solaris 10/11, JDBC Connection pool and data sources, JNDI, EJB, XML, JNDI, JDK 1.4/1.5/1.6/1.7/1.8, puppet, Jenkins, OBIEE 10g/11g,Oracle9i/12c database, SOA, OSB, OBIEE, WLST, LDAP,OEM,OAM (Oracle Access Manager), WLST, Python, Shell Scripting, Bash scripts, Sybase, Oracle database 10g/12C, Exceed, MS Office, MS Visio, Tectia, Winscp, FileZilla, Oracle Http Server, Ticketing tools like HP ALM and BMC Remedy.

**PHH Corporation - Mount Laurel, NJ May2015- June 2016  
Middleware Administrator/Site minder Engineer**

**Responsibilities:**

* Worked on Project- **EOL (Upgrade plan for WebLogic servers from 8.1 to 11g)**
* Part of **full-fledged end-to-end WebLogic upgrade** from WebLogic 8.1 to WebLogic 10.3.
* Designed and Scripted WebLogic Administration Scripts such as: Thread Dumps, Server auto restart script, Server startup/shutdown script, code deployment scripts and Log rotation scripts.
* Worked on SSO integration **of OAM 11g, OID with Webcenter**, Primavera EPPM, Hyperion and BI App's, Analytics, Unifier and Webcenter Enterprise Capture in MTN (Mobile Telecommunications Company) Project.
* Implemented continuous integration web hooks and workflows around **Jenkins** to automate the dev test deploy workflow around **Puppet codebase**.
* Performed **Subversion Repository Migration from Windows to Linux**.Handled all aspects of **WebLogic Server from Installation and Configuration to Monitoring, Troubleshooting, Tuning** and Application Deployment in various environments viz. **DEV, QA, PROD QA, STRESS, PROD DR and PROD.**
* Involved **SSO integration with our OBIEE application**.
* Installed and configured **SSL on Apache and OHS servers** for secure communication.
* Involved in Siteminder server upgrade. **Created new web instances** for the User and Policy Stores on Red Hat Directory Server 6.x version. Installed **SiteMinder 6.0 SP5 and implemented SSO across multiple domains and Lines-of-business.** Created **policies, realms, rules, responses to protect the applications** and validate the users to work under SSO environment.  Enabled the Single Sign on across multiple cookie domains
* Configured and administered **JDBC, JMS, JNDI, objects in Weblogic Server 8.1 and 10.x.**
* Involved in documentation of environment.Deployed the applications on multiple Weblogic Server instances and maintained **Load balancing, high availability and Fail over** for the servers.
* Monitored performance tuning using **Wily Introscope**. Tuned JVM Parameters on WebLogic Application Servers for improving performance and troubleshooting.
* **Configured and Monitored JDBC Connection Pool, JMS Queues and JMS Messaging Bridge.**
* Installed and configured **OHS web server**, OAM WebGateto control access of public and private URLs.
* Performed **WebLogic Portal Administration** tasks as portal management, content management and user management.
* Configured Clusters, load-balancing and fail-over solutions **and WebServer pluginsfor WeblogicPortal.**
* Used **config.xml file** wizard extensively to create and manage WebLogic domains.Used **WLST to get run-time parameters**. Generated and analyzed Heap dump and Thread dump.Monitored WebLogic performance using Wily Introscope.
* Configured and setup **Secure Sockets Layers (SSL)** for data encryption and client authentication.
* Worked from scratch for gathering server list (servers including windows and Linux) for **weblogic servers, webservers, siteminder servers, tibco servers, etc**.
* **Successfully decommissioned older applications** and servers from all test and production environments.

**Environment:** Oracle WebLogic server 8.1/11g,OAM (Oracle Access Manager) 11gR2 PS3, OAM 11g, OID with Webcenter, SOA OSB, BAM, OAM, OIDOHS 11g/12c, jenkins, puppet, Apache 2.2, JDBC Connection pool and data sources, SOA Suite, JNDI, JMS(Bridge Configurations, Queues, Topics,BEA Tuxedo 9.1/8.0,Connection Factories, Modules, Templates), JDK 1.4/1.5/1.6/1.7/1.8,Jenkins, Jrockit- 1.4, OEM, Wily Introscope 6.0, WLST, LDAP, ANT, WLST, Python, Shell Scripting,Weblogic Portal, Bash scripts, Sybase, Site minder, Red hat Linux 5.11/6/6.7, Windows 2007, Xming, MS Office, OpenSSL, Secure SSH, Winscp, FileZilla, Oracle Http Server

**DATCP - Madison, WI May 2014-May 2015**

**Middleware/WebLogic/Portal Administrator**

**Responsibilities:**

* Performed **WebLogic Server administration** tasks such as installing, configuring, monitoring and performance tuning.
* Performed J2EE application deployment and administration including **JAR, WAR, and EAR files**.
* Created Managed Servers in a Cluster with **round-robin algorithm** for Load Balancing.
* Deployed the applications on **multiple WebLogic Servers** and maintained Load balancing, high availability and Fail over functionality.
* Experience in Install, Configure and Support clustered WebLogic server and other Oracle fusion middleware products (12c).
* Created Crontab scripts for timely running jobs.
* EPM System product deployment process uses the default **hyperion account (password is hyperion)** to deploy Web applications to WebLogic Server and Oracle Application Server application servers.
* Set up WebLogic domain with a single Server instance for developers on their windows machines.
* Worked with the **Portal** team to integrate Info View into an Oracle **WebLogicPortlet**.
* Workedon **web application** and **portal development** on a large **Oracle data warehouse**, and administration of a middle tier application server.
* Upgraded all the current CQ5.5 instances to **AEM 5.6.1**.
* Worked on the issues like Disable Targeting and JQuery Versioning which usually arise when upgrading from **CQ5.5 to AEM 5.6.1.**
* Configured Replication and Dispatcher Flush in the AEM.
* Developed CQ Templates and Components in the AEM instances.
* Configured **Security authenticators**, managed security realms, users and groups.
* Involved in Performance tuning of WebLogic server with respect to heap, **threads and connection pools.**
* Troubleshoot WebLogic Server connection pooling and connection manager with **Oracle, DB2**.
* Installed and configured **Apache and JBOSS Web Server**.
* Troubleshoot F5 ASM ‘blocks’ and create exception or impose rules by coordinating with the application team and security team.
* Configured and administered of **JDBC, JMS, JNDI, and SNMP in WebLogic Server 10.x**.
* Developed scripts for automatic startup and shutdown of Admin Server and Managed Servers.
* Created Crontab scripts for timely running jobs.
* Set up **WebLogic domain** with a **single Server instance** for developers on their windows machines.
* Installed and administered BigIP F5 load balancers to provide uninterrupted service to customers.
* Provided support for teams in activities such as Load testing, troubleshooting, and performance tuning.
* Performed **WebLogic Portal Administration** tasks as portal management, content management and user management.

**Environment**: Oracle WebLogic 8.x/10.3.x, Hyperion, OAM (Oracle Access Manager) 11gR2 PS3, OAM 11g, OID with Webcenter , Gigaspaces XAP Premium 7.1/9.0, WebLogic Portal 10.3.5, Tomcat 5.x/6.x, OSB 11g, SOA Suite 11g, Oracle 10g/11g, Solaris 10, LINUX 5/6, BEA Tuxedo 9.1/8.0, Perl Script, Sun ONE Directory Server 6, SunOne WebServer 6.0, Apache 2.2.x, Python, ANT, AEM 5.6.1, AWK, IIS, Netegrity SiteMinder Policy Server 5.5/6.0, LDAP.

**Centene Corporation - St Louis, MO (Randstad) May 2011 – April 2014  
WebLogic/Fusion Middleware Administrator**

**Responsibilities:**

* Install, configure and administered of **BEA Web Logic Application Server**, Web Logic Portal, Web Logic workshop in various environments
* Used config wizard extensively to create and manage **Web Logic domains**
* Provided 24/7 Support and on call schedule for Production support
* Expertise in installing software, configuring the systems and maintaining **WebLogic Application Server 11g.**Experienced in Performance Tuning, Load Balancing and optimization of WebLogic 11g Application Server. Deployment and configuration of **Oracle SOA Suite 11g** applications to different environments.
* Strong WebLogic server, **BPEL, OSB and SOA administration skills, troubleshooting skills of WebLogic Server, BPEL, OSB.**
* Created user roles and groups for securing the resources using **LDAP authentication.**
* Installation, Configuration and administration of Oracle fusion middleware **11g, OEM 11g &OHS 11g**
* Monitoring hosts, servers, applications, domains, components, composites.
* Configured global security for WebSphere Application Server using IBM Directory Server as **LDAP user registry**.
* Testing & applying patches, updates & fixes for **Oracle SOA and dependent WebLogic component on UNIX and Linux environments.**
* Installed and configured **OHS web server**.
* Problems by monitoring server availability and analyzing resources. **Installed and configured Apache Web server** and integrated with Web Logic server. Maintain application configuration in production and test environments (**UAT/Staging/ORT/PreProd**) with regular backups and for multiple release support
* Configure Clustering **EJB objects, jdbc** connections and JMS connection factories
* Used **WLST to check the status of WLServers.** Creating new Perl scripts for automation and XML generation purpose.Created and configured new users groups and Global Roles to authenticate. Configure and administered Connection pools for JDBC connections
* Deployed applications like formats of **WAR, JAR, EAR** and Web-based/E-Commerce in Web Logic 8.3.Worked on **WCM for portal servers** to syndicate content from one environment to the other.
* Resolved Portal performance related issues with regards to tuning and WCM configuration.
* Created **Web Logic Portal domain and created projects**, application and portal application in Web Logic workshop
* Deployed applications on multiple **Web Logic Server and maintained Load balancing**, High Availability and Failover functionality
* Involved in doing a performance benchmark of **Apache/Web Logic server** by using **Load runner** and **Application Manager**
* Configured **SSL and provided Web Logic** based security procedures
* Configured and deployed applications in various work environments like **Development, QA, and Production**

**Environment:** Web Logic Server 8.3/9.2, LINUX/Solaris10, OEM 11g, Oracle9i, Apache, OHS 11g Sitescope, IBM Http Server, Remedy, Web Services, LDAP, JDK 1.4.2, JSPs, EJBs and JMS.

**Education:**

Bachelors in Information Technology- JNTUH