**KEERTHI SUDINI**

**Middleware Engineer**

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**Professional Summary:**

* 5+ years of experience in ever increasing levels of responsibility and expertise in a wide range of IT disciplines
* Experienced in installing, configuring and maintaining IBM WAS 7.0/8.5.5.3/8.5.5.8 and Web Servers like IHS, Apache on AIX, Solaris, HP-UX platforms and setting up the development, testing and production environments.
* Proven experience in standardizing builds across all environments based on best practices for web sphere in operation.
* Experienced in auditing the WebSphere environment for any kind of security issues, which includes file system permissions, encryption of clear text passwords, etc.
* Migrated WebSphere Application server from 7.0, 7.0 to 8.5 and 8.5 to 8.5.5.3 to 8.5.5.8.
* Installed fix packs for WebSphere Application Server 6.1/7/8.5/8.5.5 and DB2 Content Manager 8.3.
* Strong technical knowledge in WAS implementation, support, workload management and performance tuning.
* Expertise in Web Server setup, including complex Secure Sockets Layer (SSL) configuration on IBM HTTP Server (Apache based)
* Experience in setting up Nodes, Data Sources, Virtual Hosts, configuring Servlet Engines, Session Managers including configuration of WAS Trace Service
* Well versed with extensive hands on experience in creating resources, modifying WebSphere configuration properties, view runtime attributes, securing WebSphere.
* Experienced in configuring Authentication and Authorization, set up Certificates, map Credentials, and configure Single Sign on (SSO) using LTPA as authentication mechanism.
* Experienced in upgrading WebSphere on different platforms by applying Fix Packs (refresh packs) and cumulative fix packs using the WebSphere update installer.
* Installed and configured Apache HTTP Server, IHS and WebSphere Application Server and also configuration of Virtual Hosts for Apache HTTP Server, and Tomcat Application Server.
* Experience in applying plug-ins for WebSphere Application Servers with IBM HTTP Server, Apache Tomcat server on Linux, Sun Solaris and Windows Platforms.
* Experience in setting up of Nodes, Clusters, Data Sources, Virtual Hosts.
* Experience in following support procedures, and provide 24\*7 on call support.
* Good at troubleshooting using Traces, Logs and collector tool using the divide and conquer approach.
* Familiarity with troubleshooting tools like heap analyzer and thread analyzer.

**Technical Skills:**

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| **Application Servers/Middleware** | WebSphere Application Server v8,5,5,3/8.x/7.0, Apache Tomcat v 6.0 IBM HTTP Server, Jakarta Tomcat5.0, IBM Edge Server, WebServices, iPlanet Directory Server, SunOne Web Server |
| **Web Technologies** | Servlets, JSP, EJB, Struts, JDBC, RMI, JMS, Web Services, Java Beans, JNDI, Swing, HTML, DHTML, JavaScript |
| **Open Source** | ANT, CVS, CVSNT, Bugzilla, MAVEN and Jelly |
| **RDBMS** | DB2 7/8.1/8.2/8.3, Oracle 11g, SQL Server 6.5/7.0 |
| **Programming**  **Languages** | C, C++, Java/J2EE, Perl, Pascal, COBOL, BASIC |
| **Rational Tools/SCM** | Clear Case, Clear Quest |
| **IDE Tools** | WSAD 5.1.1, WSAD IE 5.1.1, RAD6, Eclipse |
| **Protocols** | TCP/IP, LDAP, RMI/IIOP, JMS, SOAP, HTTP, HTTPS |
| **SOA Technologies** | WSIF, JSR168, JSF, BPEL, WSDL, SOAP/HTTP, SOAP/JMS |
| **Environment** | UNIX, IBM AIX, Solaris2.7/2.6, OS/390, Windows **,** Redhat Linux |
| **Security** | CA SiteMinder , Tivoli Access Manager,Web Enforcement |

**Client: PPS Infotech, Rockville MD Aug’16 – Present Role: WebSphere Administrator**

**Responsibilities:**

* Installed, configured, administered WebSphere Application Server 8.5 ND on Redhat Linux.
* Successfully upgraded and migrated from version 8.5.0.1 to 8.5.5.3.
* Successfully upgraded and migrated from version 8.5.5.5 to 8.5.5.8.
* Administered, configured, tuned, and troubleshoot WebSphere Application Server in a Horizontal and Vertical clustered on Linux environments.
* Monitor and troubleshoot the applications using tools SiteScope and wily Introscope.
* Monitor and troubleshoot the applications using through Wily Introscope, Performance Viewer and tuning the system caching, queuing, JVM parameters, DB Connection Pooling.
* Configured WebSphere resources like JDBC providers, Data sources, connection pooling.
* Created Server groups and clusters using WebSphere Application server ND.
* Successfully applied APARs to fix some security scan issues.
* Successfully applied Cumulaive Fix packs to fix s security vernabitilities.
* Experienced in WebSphere Virtual Enterprise that comes as a part of WebSphere Extended Deployment package.
* Responsible for deploying enterprise applications from Admin console and enabling security using LDAP for WAS and WVE and also expertise in setting up security for single sign on and SSL.
* Experience in troubleshooting issues using Traces, Logs and Log Analyzer.
* Used WebSphere Admin Console and wsadmin scripting to install enterprise EAR, WAR files for hot deployment.
* Experience in troubleshooting various issues in production environment.
* Sound knowledge in configuring queues through JMS and WebSphere MQ.
* Monitored Applications and WAS performance through Tivoli Performance Viewer and tuned the system – caching, queuing, JVM parameters, DB Connection Pooling.
* Created Run books to keep information regarding configuration and troubleshooting information.
* Provide 24x7 support for Production Environment on a needy basis.

Environment: IBM WebSphere Application Server 7.0/8.5/8.5.5.3/8.5.5.8, IBM Http Server 8.5./8.5.5.3/8.5.5.8, Sun One IBM DB2, RHEL 5.11, Windows 2003.

**Client: Avineon, Location: India Jun’12 – May ‘14 Role: Junior WebSphere Administrator**

**Responsibilities:**

* Responsible for configuring infrastructure solutions for J2EE applications around **IBM WebSphere Application Server 6.0/5.1, IBM HTTP Server, IBM WebSphere 7.0/6.0**
* Extensively involved in providing in administration for WebSphere Application Server 7.0/6.0
* Responsible for configuring **plug in** with **IBM HTTP Server (IHS) v 6.1.**
* Installed, configured, administered WebSphere Application Server 7.0 Base and ND on Windows and RHEL for multiple high-profile projects.
* Administered, configured, tuned, and troubleshoot WebSphere Application Server in a Horizontal and Vertical clustered on Linux environments.
* Experienced in WebSphere Virtual Enterprise that comes as a part of WebSphere Extended Deployment package.
* Configured and administered the MVE environment.
* Responsible for deploying enterprise applications from Admin console and enabling security using LDAP for WAS and WVE and also expertise in setting up security for single sign on and SSL.
* Configured WebSphere resources like JDBC providers, Data sources, connection pooling.
* Created static and dynamic clusters using WebSphere Application server and WebSphere Virtual Enterprise tools respectively.
* Involved in migration projects as well like WebSphere Application Server 6.1 to 7.0.
* Responsible for resolving **heap dump** and **thread dump** issues using **Heap dump Analyzer and thread dump analyzer** for the **WebSphere Application Server v6.0/7.0** environments.
* Responsible for **monitoring** the health of the **WebSphere Application server v6.0/7. 0..**
* Used **Mercury Load Runner** **for load testing** the **WebSphere Application Server v6.0/7.0..**
* Responsible for **troubleshooting** the issues using **first failure data capture(ffdc)** by feeding data to analysis engine for solutions.
* Responsible for enabling the **security** with **Tivoli Access Manager** for the **WAS** environment.
* Developed **Jacl and Jython** scripts to automate the **WebSphere** environment.
* Documented day to day activity of the application server.
* Supported the team with 24/7 on call support.

**Environment**: WebSphere 6.0/7.0 , , Netegrity SiteMinder5, IBM Http Server 2.0.47, iPlanet Web server, LDAP Iplanet Directory Server, Candle, Site Scope, Info web, EJB, JSPs, Servlets, XML, JDBC, Java Script, HTML, DB2/UDB v 8.2, Sun Solaris v 9/10 , SUSE Linux and Windows2000 Advanced Server.