Karthik CHALLA

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# PROFESSIONAL SUMMARY

* Over 7+ years of experience in Installing, Configuring, Deployment, Migrating, Performance tuning, Troubleshooting, security, failover and work load management of WebSphere Application Server, Web servers like IBM HTTP, Apache on AIX, Linux, SUN Solaris and Windows environments.
* Experience in installation, configuration, Deployment and management of enterprise applications using WebSphere Application server 6.x/7.x/8.x.
* Strong technical knowledge includes WebSphere Application Server implementation, support, workload management and performance tuning.
* Also proficient in Web server setup, including complex secure sockets layer (SSL) configuration on IBM HTTP Server (Apache based).
* Experienced in applying patches and plug-ins for WebSphere Application Server.
* Managed and Administered Workloads, Server Groups and Clones in WebSphere Application Server.
* Created, Configured and Administered Profiles, Clusters, Nodes and Node Groups for WebSphere Application Server.
* Experienced in implementing Workload Management (WLM) using cloning and clustering (Horizontal and Vertical) to overcome failover.
* Configured and Secured Web Server interface, Session management, WebSphere resources, J2C resources, connection factories and JMS resources in IBM WebSphere.
* Involved in Installation, Configuration and Administration of J2EE applications.
* Expertise in JNDI, LDAP, MQ Series, J2EE, JMS, DB2/UDB on various platforms.
* Experienced in installing the security certificates and installing Site minder for single sign on (SSO).
* Good knowledge in web server technologies and interrelationships with Application servers.
* Generated and deployed server plug-ins for IBM HTTP Server, I Planet and IIS.
* Expertise in Trouble shooting and Performance tuning using Resource analyzer and log analyzer using Tivoli Performance Viewer.
* Good understanding and experience with Wily Introscope.
* Experience with Relational databases like SQL Server, DB2 and ORACLE.
* Experienced in DNS, LDAP, FTP, Remote Access, Security Management and System Troubleshooting skills.
* Worked as Administrator and On-Call Administrator for the production support and maintenance throughout the duration.

# EDUCATION

Bachelor of Technology in Computer Science Engineering, JNTU, India.

# TECHNICAL SKILLS

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| **Operating Systems** | UNIX, IBM AIX, Sun Solaris, Linux, Windows 95/NT/98/2000/2003. |
| **Databases** | DB2, Oracle, SQL Server 2000. |
| **Web Technologies** | HTML, Java Script, JDBC, Servlets, JSP, RMI, EJB, JNDI, JMS, SOAP. |
| **Scripting/** **Languages** | JAVA, C, C++, SQL, VB. |
| **Middle Ware** | IBM WebSphere Application Server 6.0/50.0, IHS 6.0/2.2, Apache, Site-minder, Change Man, Service Center. |
| **Tools** | VISIO 2000, HP Open-View, SSH, FTP, SFTP. |

# PROFESSIONAL EXPERIENCE

**WebSphere Administrator Jan 2015 – Aug 2016 Apr 2014 – Jul 2016**

**BCBS - Baltimore, MD**

**Responsibilities:**

* Extensively involved in **Designing/Implementing** infrastructure architecture for **WAS 8.x** for migrating **J2EE Applications** from **WAS7.x** unified environment on **AIX and Linux.**
* Administration of WebSphere Application server in horizontal and vertical clusters, web application infrastructure and co-existence of **WAS 8.x and WAS7.x**.
* Responsible for **J2EE Application Deployments, Service Integration Bus Configuration, Message Activations, Destinations, Plug-in Configuration, Data Source Creation, Virtual Host Creation, Session management, clusters, Deployment Manager Configuration and Network Deployment Configurations**.
* Responsible for identifying source and severity of problems including **debugging and diagnosing issues** and directing them to the proper **client support** team and transfer resolution knowledge to other technicians who are having assigned ticket.
* Responsible for **Documentation of operational environments support procedures, Configuration and management of Application clusters and Application load balancing and Application Server tuning** and problem isolation.
* **Tuning and Monitoring** the overall applications and system health with the statistics Average response time, Number of requests(transactions) and number of live http sessions, web server thread pools, the Web and Enterprise JavaBeans thread pools, database and connections pools, java virtual memory, CPU, I/O and System Paging.
* Configuring mutual **SSL** between Web client and Web server, Web server and WebSphere, Java client and the WebSphere.
* Configured and Enabled the **Global Security** for WAS Administration Console users and Console Groups using Tivoli Directory Server as a LDAP User Registry.
* Deploying the application code, **Change working directory, process definition** to verify log directory changes etc.
* Involved in **Load Tests** working with developers, database administrators, and others, looking for deadlocks, etc.
* Configured **Single Sign on (SSO**) for authentication and authorization.
* Daily activities include executing CCRs (Change Control Request) and resolving TT's (Trouble Ticket) involving new application installs, upgrades, applying patches, application server installs, resolving outages adherent to the corporate procedures, policies and escalation levels set forth for the Web Hosting team.

**Environment:** WebSphere8.5/8.0/7.x, IBM HttpServer8.x/7.x, IBM AIX, Linux, CA wily Introscope, IBM DB2, Oracle DB2, Shell Scripts.

**WebSphere Administrator Jun 2010 – Dec 2014 Jun 2010 – Apr 2012**

**Wipro,Dallas,TX**

**Responsibilities:**

* Responsible for configuring, maintaining and troubleshooting the WAS environment.
* Set-up new **QA and PROD environments** by creating and managing the Nodes, Application Servers, and horizontal Clustering for Load Balancing and Fail Over.
* Deployed application **EAR’S in QA, Staging and Production** environments on a daily basis and troubleshot various configuration and application issues like database issues and http server issues.
* Trouble shooting various problems in different stages of development, **QA and production using logs files, JVM Count and JDBC Connections, log analyzers.**
* Improved performance, reliability, and scalability of the application server and its interaction with Web Servers, Database Server.
* Worked with all the teams -- **change control, oracle dba, db2 dba, mq team** on a regular basis to resolve production issues and also in QA.
* Involved in Tuning of WebSphere Application Server for performance improvements.
* Managed multiple high-profile, complex projects and implement with minimal disruption to end users.
* Managed complex environments for the customer IT environments from a software support perspective for IBM WebSphere Application Server on both UNIX and windows platforms.
* Implemented horizontal and vertical scaling of **WebSphere Application Server (WAS)** Advanced

Edition in a workload managed cluster.

* Involved in advanced performance monitoring and tuning of **WebSphere** in Linux and AIX.
* Also responsible for installing and configuring third party software necessary to test the product such as **IBM Http Server, IBM WebSphere Application Server, DB2 etc.**
* Maintained **WebSphere 6.0 Application server** for web applications development and deployment **JSP and EJB components on WAS.**
* Supported a 24X7 data center consisting of over 40 enterprise class production systems.
* Maintained the local Apache web server running on a **Linux server**.
* Documented all procedures and any other important issues.

**Environment:** IBM WebSphere Application Server 6.0, Solaris, Linux, IBM AIX, UNIX, Windows 2000, DB2, XML. JSP, Servlets.

**WebSphere Administrator Jun 2009 – Apr 2010 Jun 2009 – Apr 2010  
Wipro,Hyderabad, India**

**Responsibilities:**

* Install Configure and Maintain **WebSphere Application Servers** on **Linux**.
* Maintained separate development, test, and production environments Application Server.
* Installed **JDBC** drivers and Servlet engines on **Linux**.
* Network Administration - involving day-to-day routine checks, Configuration of LAN adapters, **Routing, NFS, DNS and Troubleshooting**.
* Configured **Workload Management (WLM)** for Application Server.
* Maintained the repository for the Development, Test and Production environments.
* Ensure application dependencies are integrated on system level components such as database, **Data Source Name (DSN), and Application Server connection pooling** (DB2) including identification and documentation.
* Installed and configured **IBM WebSphere Application Server 6.x/7.x, JDBC drivers and Served engines** along with trouble shooting and recovery
* Responsible for application changes across different platforms- development, testing and production.
* Involved in **monitoring, shutdown and boot up, Network Support and Trouble Shooting.**
* Performed **Stress and Performance testing** of applications.
* Involved in pre-production staging and production deployment of application code.
* Tested Performance of **Client /Server Application**.

**Environment**: Linux 6, JDBC, JavaScript, JSP, Servlets, DB2, IBM HTTP Server, Apache Web Server and WebSphere Application Server.