**Susanthi K**    **Cell Phone: 651-367-9772**

**Middleware Administrator ksusanthi@gmail.com**

* **Over 7 Years** of IT experience in installation, configuration, deployment and management of Enterprise Applications using **WebSphere Application Server 7.x, 6.1, 6.0, 5.x, Jboss EAP 5.1,** on **Solaris, AIX, Linux, HP-UX and Windows** platforms.
* Experienced in setting up the **development, testing and production** environments with good exposure to **Testing and De-bugging.**
* Experienced in automating WebSphere administrative tasks using Shell, JACL and Jython scripts.
* Extensive experienced in deploying J2EE applications on WAS on various platforms using WAS Admin console.
* Strong technical knowledge includes WebSphere Application server **implementation, fail-over support, workload management (WLM)** using **horizontal scaling and vertical scaling** and **performance tuning**.
* Administered JBoss, Tomcat and Apache HTTP Server.
* Experienced in performance tuning and Capacity planning
* Well experienced in configuring Resources like JDBC Provider, Creating Virtual Hosts, Shared Libraries, JNDI Configurations, EJB References, Creating Environment Variables, and Configuring Session Management
* Experienced in Configuration and setting up security policies like security domains using LDAP.
* Experience in Weblogic Server administration 8.1, 9.2
* Administered JBoss, Tomcat and Apache HTTP Server.
* Experienced in performance tuning and Capacity planning
* Experience in creating, configuring and administrating profiles, nodes, node agents and node groups for WebSphere Application Server.
* Extensive experienced in installation, configuration and maintenance of WAS in clustered and non-clustered environments on Solaris, HP-UX, Linux and Windows NT/2000 platforms.
* Experience in **Tridium** and **Niagara AX.**
* Provide **24x7** supports for Production and Development Environments.
* Proficient in configuring WebSphere Application Server with monitoring tools like **Tivoli**
* Good experience in planning, installation and administration of WebSphere MQ and WebSphere Message Broker on various platforms like AIX, Red Hat Linux, HP-UX, Sun Solaris,Control-M and Windows XP/NT/2000/2003.
* Knowledge of **System Development Life Cycle (SDLC)**.
* Excellent **Analytical** and **Logical programming skills** with a good understanding at the conceptual level.
* **Team Player** with Effective **Communications Skills** (verbal and written) for both highly technical and non-technical audiences.
* Proven ability to multi-task, adapt quickly to new environments and learn new technologies.

# TECHNICAL SKILLS

* **Hardware/Operating System**: Windows 2000/NT, HP-UX, IBM-AIX 4.2/4.3/5.x, Sun Solaris, Linux, Redhat , HP
* **Tools**: RAD, JCreator, JDeveloper, Tivoli, WSAD**,** IBM Support Assistant, Control-M
* **Web/Application Servers**: WebSphere 5.x/6.x/7.x/8.x, WebSphereMQ 5.3/6.0/7.0, IBM HTTP Server   
   7.0/6.x/2.0.x, IBM Tivoli Directory Server 5.1.Wblogic BEA Application server   (8.1/10/\*10.3). Apache Tomcat, Tridium Niagara AX.
* **Database**: MS SQL Server 2000, MS Access, Oracle 8.x/9.0/10g, DB2 v8.2/v9.1/v9.5.
* **Languages:** Java, C, C++, JDBC, JSP, EJB, XML, JNDI, JMS, LDAP, CGI (PERL), JACL,  
   XML Config.

# EXPERIENCE

**Academy Sports + Outdoors March’14 - Till Now**

**Middleware Administrator, Katy, Texas**

**Description:**

Academy Sports + Outdoors is a premier sports, outdoor and lifestyle retailer with a broad assortment of quality hunting, fishing, and camping equipment and gear along with sports and leisure products, footwear, apparel and much more. The Texas-based company operates over 200 stores throughout Alabama, Arkansas, Florida, Georgia, Indiana, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee and Texas. The Academy Sports + Outdoors philosophy is to deliver an unparalleled shopping experience by providing convenience, offering a broad selection of quality products, delivering exceptional customer service and selling the right stuff at everyday low prices.

**Responsibilities:**

* Provided Infrastructure Support more than 200 application and responsible for infrastructure build middleware productions environment of enterprise application collaborations across disparate platforms.
* Responsibilities included support, troubleshooting, incident notification and resolution, problem management, post-mortem analysis, and root cause identification. Interact and coordinate activities with cross-functional teams, including development, system
* **Installed and Configured** the WebSphere Application Server 7.0 on AIX and Solaris Platforms.
* Responsible for building out environments with WebSphere application server 7.0 on Linux, AIX, Windows platforms using control-M.
* Installation and configuring the Jboss 5.1.2 on Linux Operation Systems and deployment of applications and providing the performance testing for the application which is going to productions.
* Installed and configured JBOSS Cluster environment using Mod-JK configuration file.
* Coordinate infrastructure setup for new upcoming AIS.
* Writing the scripts for monitoring the application health, memory usage and file system usage emails that status to the platform support team.
* **Prepare RCA** for production issues with root cause analysis.
* Root cause analysis for the application issues seen in the production environments, analyzing the thread dumps and heap dumps using IBM Tools and provide suggestions to the SPB team and development team.
* Supporting the WebSphere Portal server6.1 and deploying the application on those servers.
* Work with capacity planning to address the middleware system scalability and performance, take inputs form them to improve the application performance
* Opens a PMR’s with IBM for different issues which are related to the IBM software, work with them to get the tuning for the high available applications.
* Wrote JACL, JYTHON and Shell script for deployment, configurations changes and automated logs backups to Backup servers.
* Creating Clusters, JVMs as per the requirement.
* Configured Queue Connections Factories, Queue Definitions, and Listener Ports in order to provide connectivity to Enterprise MQ infrastructure.
* Build, deploy, and administer applications in WAS, **Websphere MQ** and Webserver environments.
* Change the properties using Niagara Ax.
* Installation and configuring the Jboss EAP 5.1.2 on Linux Operation Systems and deployment of applications on Linux 6.2.
* Installation and configuration of rhq-enterpriage-agent 3.0.1 for Monitoring the JBOSS JVMs.
* Installation of Jboss EWS Server and configuration of mod-jk. conf, modcluster. conf, http. conf files in JBoss Environment.
* Worked with start and stop scripts for Jboss Environment.
* Configured Jboss JVMs with heap settings, Log path settings.
* Day to Day Jboss Application deployments and Config files Deployments.
* Trouble Shooting the Jboss Applications when the issue arises.
* **Installed MQ Series** on the Unix environment for the Development and Test environments
* Deployment of Web / Enterprise (war, ear) applications
* Working knowledge on tickets logging and resolving process
* Participate in meetings regarding the migration of the WebSphere application servers from windows platform to the Linux platform.
* Day to Day Deployments to different Environments.
* While integration we have some issues. We found out a solution and we used ESB as a B2B.
* Created Datasources, authentication aliases to connect to Databases.
* Involved in Periodical Data Source password changes and OS Password changes.
* Trouble Shooting the Production Issues.
* Work closely with the development and other team with installing, Configuring, maintenance and troubleshooting on the Infrastructure and application configurations on servers.
* Support for all **applications** running on **WebSphere Application Server** while in process of migrating application to **WebSphere Application Server v7.x/v6.x.**
* Debugging & Troubleshooting all WebSphere related issues. **Provide 24x7** on call support.
* Participate in Incident Management activities to resolve issues that affect the availability of supported applications
* Confirmation of Data sources, Environment Variables required for the Applications.
* Working on periodical Password changes for Data sources and OS Servers in all the Environments.
* Involving Production Deployments, Co-ordination with multiple Teams to achieve deployments successful.
* Configuration of MDB Listeners to connect to Qmgrs in the environment.
* Working with WMQ Team to resolve the issues related MDB Listeners.
* Uses tools for WAS profiling and tuning which included Tivoli performance viewer, Wily Introscope, Heap Analyzer, Thread Analyzer, Visual Age Generator, Log Analyzer ,Resource Analyzer and Application Server Toolkit (AST),ITCAM.

**Environment:**. WebSphere Application Server 6.0.x/6.1.x/7.x, WebSphere WMQ7.x,6.1,WebSphere MB 7.x,6.x,AIX 5.3,Linux,Jboss EAP 5.1.2, JMS, Oracle, Fuse, IBM HTTP Server 6.x/7.x, JACL scripts

# ComData Oct 2012 – Feb 2014

# WebSphere Administrator--Brentwood, TN

**Description:**

Comdata began in the trucking industry, but current customers cover most major industries in the United States, including retail, hospitality, restaurants, construction, government, healthcare, and education. Corporate cards can be used to manage any purchases that a company makes, from paying vendors to managing T&E expenses and more. Comdata's expense management system allows administrators to set limits on cards, restricting usage to certain merchants, dollar amounts, number of transactions, etc., and their Enhanced Authorization Controls department is helpful in alerting customers whenever suspicious activity is occurring on any card.

**Responsibilities:**

* Installed and configured **WebSphere Application Server 6.x and 6.1** and **IBM HTTP Server 6.x/7.x** on **Aix** and **Linux** platform.
* Developed WebSphere Infrastructure in **enterprise level** with **Clustering, Session persistence** and **Performance tuning.**
* Troubleshooting and managing the **Websphere Infrastructure** of **WebsphereApplicationServer5.x**/**6.x** on various platforms.
* A created MQ Connection factory to connect WebSphere Applications to WMQ Qmgrs.
* Involved in migration, and user management on Linux platform.
* Involved in designing WebSphere Application Server **load balancing** and **fail over** by using **Workload Management (WLM) horizontal and vertical scaling**.
* Install, configure and manage WebSphere Application Server, WebSphere Commerce Server, JBoss, Tomcat, Fuse, Apache, LAMP Stack, and other web-oriented applications as necessary
* Responsible for installing and configuring third party software necessary to test the product such as **IBM HTTP Server 6.x/7.x.**
* Responsible for Web server and Application server installation, support and performance monitoring for all running applications.
* Developed WebSphere Application Server regular **administration tasks** automated by using **JACL scripts.**
* Configured the **Web Server interfaces, session management, virtual hosts** and transports for WebSphere Application Servers.
* While integration we have some issues. We found out a solution and we used ESB as a B2B.
* Configured **Websphere** resources including **JDBC providers**, **JDBC data sources**, **connection pooling** with **Oracle9i/10idatabase**.
* Developed scripts to handle System Administration tasks such as **backup procedure**, **system cleanup**, **everyday system tasks**, **Websphere application restart** and **troubleshooting** etc.
* Systems administrator providing **24/7** support for production and development systems.
* Created Change Requests for all the deployments and WebSphere service requests.

**Environment:**. WebSphere Application Server 6.0.x/6.1.x/7.x, Sun Solaris, Fuse AIX 5.3,6, Solaris JDBC, Control-M JMS, Oracle, IBM HTTP Server 6.x/7.x, JACL scripts, Tridium and Niagara Ax.

# Northern Trust Jan 2011 –Sep 2012

# WebSphere Administrator-- Chicago, IL

**Description:**

Northern Trust Asset Management (Formerly Northern Trust Global Investments), through various subsidiaries of the Corporation, provides a broad range of investment management and related services and other products to U.S. and non-U.S. clients of C&IS and WMS. Clients include institutional and individual separately managed accounts, bank common and collective funds, registered investment companies, non-U.S. collective investment funds and unregistered private investment funds. Northern Trust Asset Management offers both active and passive equity and fixed income portfolio management, as well as alternative asset classes (such as private equity and hedge funds of funds) and multi-manager products and services. Activities also include brokerage and related services. Northern Trust Asset Management business operates internationally through subsidiaries, alliances, and distribution arrangements

**Responsibilities:**

* Installed and configured WebSphere Application Server 6.x and 6.1 and IBM HTTP Server 6.x/7.x on Aix and Linux platform.
* Developed WebSphere Infrastructure in enterprise level with Clustering, Session persistence and Performance tuning.
* Troubleshooting and managing the Websphere Infrastructure of Websphere Application Server 5.x/6.x on various platforms.
* A created MQ Connection factory to connect WebSphere Applications to WMQ Qmgrs.
* Involved in migration, Control-M and user management on Linux platform.
* Involved in designing WebSphere Application Server load balancing and fail over by using Workload Management (WLM) horizontal and vertical scaling.
* Install, configure and manage WebSphere Application Server, WebSphere Commerce Server, JBoss, Tomcat, Apache, Fuse, LAMP Stack, and other web-oriented applications as necessary.
* Setup automation of deployment for JBOSS Application Servers Using Jenkins.
* Deployed applications (WAR, JAR and EAR) using Jenkins.
* Responsible for installing and configuring third party software necessary to test the product such as IBM HTTP Server 6.x/7.x.
* Responsible for Web server and Application server installation, support and performance monitoring for all running applications.
* Developed WebSphere Application Server regular administration tasks automated by using JACL scripts.
* Configured the Web Server interfaces, session management, virtual hosts and transports for WebSphere Application Servers.
* Configured Websphere resources including JDBC providers, JDBC data sources, connection pooling with Oracle 9i/10i database.
* Developed scripts to handle System Administration tasks such as backup procedure, system cleanup, everyday system tasks, Websphere application restart and troubleshooting etc.
* Systems administrator providing 24/7 support for production and development systems.
* Created Change Requests for all the deployments and WebSphere service requests.

**Environment:** WebSphere Application Server 6.0.x/6.1.x/7.x, Sun Solaris, Fuse, AIX 5.3,6, Solaris JDBC, JMS, control-M, Oracle, IBM HTTP Server 6.x/7.x, JACL scripts

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**Geico Insurance Co, Mar ‘2009 – Dec 2010**

**WebSphere Administrator--Germantown, MD**

**Description:**

The **Government Employees Insurance Company** (**GEICO**) is an American auto insurance company headquartered in Chevy Chase, Maryland. It is the second largest auto insurer in the United States, after State Farm It is a wholly owned subsidiary of Berkshire Hathaway that as of 2015 provided coverage for more than 22 million motor vehicles owned by more than 14 million policy holders. GEICO writes private passenger automobile insurance in all 50 U.S. states and the District of Columbia. GEICO sells its policies through local agents, called GEICO Field Representatives, and over the phone directly to the consumer, and through their website. Its mascot is a Gold dust day gecko with a Cockney accent, voiced by English actor Jake Wood. GEICO is well known in popular culture for its advertising, having made a large number of commercials intended to entertain viewers.

**Responsibilities:**

* Installed, Configured and Administered IBM WebSphere Application Server 6.1/7.0/8.5, WebSphere Portal Server 7.0, 8.0. IBM WebSphere MQ 6x, WebSphere Message Broker 6.1/7.x ,IBM HTTP Server 6.0/7.0/8.0 on IBM AIX 5.3, UNIX Solaris 5.7 and Windows 2003/2008 Server platforms.
* Configured and used CA Wily Introscope, Site scope, HP BAC, VSM performance monitoring tools to monitor application resources (Enterprise Java beans, Servlets) and WAS runtime resources (JVM memory, application server thread pools, database connection pool).
* Worked on deployment of Message Broker flows
* Installed and configured IBM Websphere MQ, Message Broker and WBI Adapters (SAP, JDBC, JText) on UNIX and Windows based environments.
* ExposedandinvokeddifferentWebServicesusingHTTPandSOAPNodestosupportSOA.
* Implement and Manage an Enterprise IBM Tivoli Monitoring Infrastructure with ITCAM for Application Diagnostics for WebSphere, ITCAM for Transactions &Control-M UNIX Log Agent.
* Installing and configuring the Tivoli Access Manager and Federated Identity Manager
* Responsible for user management and configuration activities of TAM.
* Troubleshooting, Performance tuning and Capacity Monitoring of Applications Servers using Tivoli Performance Viewer and log analyzer.
* Developed XML Schema using XML Spy.
* Production support of Investment management Apps 24/7 on a weekly rotation basis.
* Implemented the skills of Load balancing for edge components using F5’s BigIP load sprayer.
* Experienced in WebSphere e-commerce Administrator V7.x on AIX 5.3, Unix Solaris Platforms.
* Integrated and deployed Enterprise J2EE application on WebSphere Application Server 6.1/7.0/8.0/8.5and WebSphere Portal Server 7.0, that involves EAR, JAR, WAR files using Application Assembly Tool, WAS admin console and wsadmin scripting tool.
* Lock-Down the access to the Application using Site Minder WebAgents and policies.
* Created design, build &amp; testing documents required for enterprise architecture.
* Troubleshooting on issues such as out of memory, memory leaks, hung sessions and session replication, federation of nodes and synchronization of nodes with NDM.
* Configured SIB and Enterprise Service Bus on WebSphere Application Server ND 6.1/7.0/8.0
* Migration of applications from development environments to staging, QA and Production environment.
* Installed, Configured, Administered JBoss V6 and V7 on Windows.
* Migrated existing applications from JBoss 5.x to 6.x and 6.x to 7.x on windows.
* Administration of Working Applications- starting and stopping the application servers Regenerating/updating plug-in for IBMHTTP Server.
* Monitoring of space availability on each file system using the Shell Scripts.
* Creation of backups and maintenance of Portal configuration and up gradation when necessary.
* Expert on Incident Management &amp; Problem Management techniques
* Worked on defining and configuring Application Servers, Virtual Hosts, Web Resources, Connection Pooling, JDBC Drivers, Web Applications, Servlets, and Servlet Engines-as well as deployment of EJB’s across multiple instances of WebSphere.
* Extensive hands on using UNIX shell scripts, wsadmin, Jython and JACL for deployment automation, monitoring.
* Involved in connecting the Oracle 10g/9i, SQL server 2005 databases with various environment servers.

**Environment:**

IBM WebSphere Application Server 6.1/7.0/8.0, WebSphere portal 7.0,8.0, IBM HTTP Server 6.1/7.0/8.0, CA Wily Introscope7.x/8.x/9.x, UNIX Solaris 5.7, Windows 2003/2008 Server, Optier, Netcool, TeaLeaf, JBoss Application Server 5.x,/6.x/7.0, ORACLE 9i, JDBC, Tivoli Performance Viewer, PERL, WebSphere commerce server 7.0.