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**Sivakumar Sreepathi**

**Middleware/Devops Administrator**

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**SUMMARY:**

Over 17 years of experience in installation, administration, deployment, configuration, migration, security and

troubleshooting of IBM WebSphere Application Servers, WebSphere MQ on various Operating Systems like AIX, RHEL, Windows and Web Servers like Apache, and Tomcat and have experience with cloud computing platforms such as AWS, Azure, and GCP.

**Professional Experience:**

* Working as Senior WebSphere Administrator in HCL America Inc. from Mar 2015.
* Worked as a Technical Specialist in HCL Technologies Ltd from Apr 2008 to Mar 2015
* Worked as a System Administrator for Devine InfoTech from Jan 2007 to Mar 2008
* Worked as a System Specialist for it space solutions from Aug 2005 to Dec 2006.

**Technical Skills:**

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| --- | --- |
| Middleware suites | IBM WebSphere Application Server ND 8.5.x /7.x/6.x, open liberty, WebSphere  MQ |
| Operating Systems | AIX 5. x, Red Hat Linux 8.0/7.x/6.x, Window 11/10/XP/2003/2000, z/OS |
| Web servers | IBM HTTP Server 6. x, Apache |
| Version Control | Rational Team Concert, Borland Star Team Server, GitLab |
| Monitoring Tools | Splunk, Elk, AWS Cloud watch, Service Manager |
| Scripting Languages | Shell Script, Perl, JACL/ Jython Script and WSADMIN |
| Cloud Infrastructure Services | EC2, S3, RDS, GCP Compute Engine, GCP Cloud Storage, GCP Cloud SQL,  Azure App Service, Azure Functions |
| Containerization | Kubernetes, Docker, Red Hat Open Shift |
| DevOps methodologies | CI/CD, Git, Jenkins |
| Inhouse tools | QA Admin Tool, AWR Admin Tool, Routing Controller, Run deck jobs, HPOO,  Arrow |
| Deploy Tools | AWC, UCD, ARC tool |
| Databases | DB2/UDB 7.2/8.x, ORACLE 10g/9i/8i, SQLServer6.5/7.0. |

**Educational Qualification**

* Bachelor of Science, Sri Venkateswara University, Tirupati, Andhra Pradesh, India.

**Achievements, Certification**

* HCL performance award in the year 2013
* Received performance awards from USAA client.
* AWS Certified Cloud Practitioner
* Microsoft Certified: Azure Administrator Associative
* Microsoft Certified: Azure Fundamentals
* Google Cloud Certified Cloud Digital Leader.
* IBM Certified System Administrator -
* WebSphere Application Server Network Deployment V8.0 WebSphere Application Server Network Deployment V7.0 WebSphere Application Server Network Deployment V6.1
* IBM Certified Systems Administrator – WebSphere MQ Server V6.1

**Project Details**

**Project#1**

**United Service Automobile Services, SA, TX**

**Enterprise MSR LAB**

**Duration: March 06, 2015, to Till**

**Role: Network Administrator /Sr WebSphere Administrator**

**Responsibilities:**

* Install, configure, and maintain IBM WebSphere Application Server (WAS) environments across multiple platforms (Windows, Linux, UNIX) both on-premises and in the cloud.
* Collaborate with cloud architects to design, build and implement cloud-based infrastructure solutions for WebSphere applications.
* Attending Lab inject meetings to understand customer requirements, duration of project assignments, and feedback on application products.
* gathering project application ear details, context roots, and configuration details like JVM, shared library, and data source. details.
* Deploy and manage WebSphere applications in cloud environments (e.g., AWS, Azure, Google Cloud).
* Created and configured JVMs within WebSphere Liberty Profile to meet specific application requirements.
* Deployed and configured applications tailored to project needs using the WebSphere Liberty Profile.
* Implement and maintain cloud-based load balancers, auto-scaling, and high availability configurations for WebSphere applications.
* Collaborate with development teams to containerize and deploy WebSphere applications using container orchestration platforms (e.g., Kubernetes, Docker).
* Troubleshoot and resolve technical issues related to WebSphere Application Server in cloud environments, including connectivity, performance, and security.
* Successfully managed certifications in Websphere Application Servers.
* Troubleshooting and Root cause analysis for all WebSphere interfaces.
* Interaction with USAA technical employees to solve critical issues in the project.
* Managing LAB project components with version control at various levels like Dev, Runway, QA and Production.
* Worked with LAB MSRs to complete Application validation feedback.
* Analyze, troubleshoot, and fix the validation issues that have arisen during the validation session.
* Building and deploying applications on LAB DEV/Test/Runway/Prod QA /Prod environments.
* Worked on Installing WebSphere 8.5.5 and respective fix pack. Created WAS clusters, deployed Enterprise Applications, and set up data sources.
* Updating/Removing application context roots at Network tool F5 Routing controller for Test runway, Prod QA, and Production and monitoring each project deadline to complete
* Coordinate with clients’ SMEs and Managers to schedule the deployments.
* Handled the change and release management agile flow to coordinate the emergency release changes to Lab Streams.
* Contributing towards the maintenance of versions of changes made to the application.
* Ensuring that all work within the area of responsibility is carried out by agreed timelines, and documented by required standards, methods, and procedures.
* Working on the Distributed Server Inventory, Akamai, WACMUI application
* Managed Salesforce Chatter groups to facilitate effective communication and collaboration among LAB MSRs, application project teams, QA teams, and business groups. This was done to make informed decisions and achieve a successful Return to Service (RTS) status.
* Involved in the build and merge of application codes as requested by the application development
* teams through the StarTeam server and IBM Rational Team Concert.
* Monitor and maintain the Build dashboard and Cloud configuration tools.
* Adherence to WebSphere standards/guidelines/best practices as established by USAA WebSphere FTEs.
* Prompt escalation of issues to USAA management and service platform PM.
* Writing automated deployment scripts for catchup deployments for all 7 labs including MSR LAB.
* Migrated RHEL 6 Servers to RHEL8 for WebSphere Servers in ITC, and DFW data centers.
* Retired RHEL6 WebSphere Servers
* Updated FP24 on RHEL8 WebSphere Servers.
* Updating ERDC files to LABE Servers as per the project team's request
* MSR LABEQA Validations on Friday to flip that week's changes to MSR LAB Prod, where LAB MSRs provides validation feedback for that week's changes.
* Friday night LABEQA Servers will be flipped as LABEPROD.

**Project#2**

**United Service Automobile Services Availability Command Center (ACC),**

**India Duration: Apr 2012- March 2015**

**Websphere Deployment Team Size: 7**

**Role: Track Lead / Websphere Administrator**

**ACC Support (PRODUCTION) Responsibilities**:

* Provide 24/7 Availability and Command Centre Support for WebSphere-related issues on PROD, PROD QA, Release Runway and Test Environments.
* Provide 24/7 On-Call Support and monitoring dashboard for PROD, PROD QA and Runway server’s health check.
* Deploying the.EAR, .WAR file on WAS servers using AWC Deploy tool for Release runway, Prod QA and production servers.
* Enabling and Disabling MSRs and Employees in PROD and PROD QA based on the Change and Release management team.
* Handling Emergency Release Deploys on Production servers.
* Monitoring infra tool and InfoPath Ticket queue for WebSphere-related incidents and application change requests.
* Handling outage/Issue tickets related to the corresponding releases Runway servers like RWA/B/C/D and QA servers and priority will be given to these outage tickets when compared to the normal.
* Release WebLogic deployments on prod WebLogic servers.
* Maintenance for WebLogic servers based on the request when patches are updated by the MSM team/DB Team.
* Working on incidents and outages based on priority.
* Deploying EJBs, and J2EE Applications to WebLogic servers and monitoring.
* Handling the Various WebSphere MQ-related work requests like creating/deleting queues, Queue Manager basic administration on Test / Development Environments within the project.
* Conducting meetings with the APP and testing team for better support.
* Creating Monthly/ Weekly Reports for Auditing and Quality maintenance.
* Creating Playbooks, Issue view tickets with solutions and distributing internally team to provide better support to the Development/Testing team.
* WIP servers deploy to restore the release content in baseline time.
* ER Deployments to Runway D to validate Outage and incident issues.
* Employee Pilot update in Enterprise QA Servers to validate Release changes.
* Member Pilot updates in Enterprise QA Servers to validate Release changes.

**Project#3**

**United Service Automobile Services**

**Nearshore HUB Team (Guadalajara, Jalisco) Size =4**

**Duration: Dec 2011- Apr 2012**

**Role/Designation: Track Lead / Technical Specialist**

**Nearshore HUB Responsibilities.**

* HCL Mexico started HUB support from Mexico in the year 2011 and actively participated in initiating HUB support in Guadalajara with a team of 4 members.
* Successfully handled all kinds of configuration requests from near shore, which earlier only handled from onshore, it reduces the workload on the onshore team and helps to reduce the time frame to complete configuration requests within the SLO window.
* Given training sessions to team members to start HUB support from near shore.
* Provide HUB support for developers, and testers for Dev/Sys/Test servers.
* Monitoring the ARC Baseline requests, building requests for Release view/Project view/ integration view, Merge requests from Project view to Integration view, Integration View to Release view and from release view to project view and troubleshooting the issues.
* Monitoring and maintaining the Build dashboard and Cloud configuration tools.
* Executing scripts/jobs on Dev/Test environments as per Developers/Testers request.
* Implementing Cloud configuration using minimal cloud configuration by using HPOO
* Communicating with the client, Testing Team Development Team.

**Project#4**

**United Service Automobile Services Offshore Hub-Team**

**Size: 6 Duration: April-2008 to Dec-2011**

**Role / Designation: Senior Specialist**

**Offshore HUB Support Responsibilities:**

* Provide HUB support for developers, and testers for Dev/Sys/Test servers.
* Involved in building and merging Application code using Borland Star team Server 2008 Release 2 and IBM RTC Client.
* Monitoring the ARC Baseline requests, building requests for Release view/Project view/ integration view, Merge requests from Project view to Integration view, Integration View to Release view and from release view to project view and troubleshooting the issues.
* Performing WAS and MQ health checks on Test / Dev and performance servers
* Supporting T1 and T3 maintenance to perform up gradations/fix packs on Dev/TEST servers.
* Monitoring and maintaining the Build dashboard and Cloud configuration tools.
* Executing scripts/jobs on Dev/Test environments as per Developers/Testers request.
* Implementing Cloud configuration using minimal cloud configuration by using HPOO
* Communicating with the client, Testing Team Development Team.