**BIRINDER CHAHAL**

The Colony, TX 75056 • (678) 720-8870 • birinder.chahal@yahoo.com

**OBJECTIVE**

Challenging employment as a **Middleware Administrator** in an organization where I can leverage my troubleshooting and support management skills to ensure delivery of high quality, customer and market focused services as well as provide maintenance and support for the applications and infrastructure.

**PROFESSIONAL SUMMARY**

* Over **8** years of experience in **Linux** / **WebLogic** / **Middleware** System Administration
* Expert level skills in implementing **High Availability Architectures:** installingmultiplemiddle tiers, configuring **load balancing**/Virtual IPs, adding middle tier instances to the **Farm.** Setting up Application Server Instance level and Container level **Clustering**
* Worked with full life cycle responsibility in **multi-tier**, and distributed network-processing systems
* Good experience in **performance monitoring & fine tuning**, **production** and **infrastructure** **support**, data & process modeling, logical & physical design, **backups & recovery** procedures
* Extensive **shell scripting** knowledge in **UNIX**
* Good working knowledge of **Version Control** tools via: **Visual Source Safe**, SVN, Oracle’s **Software Configuration Manager** (SCM)
* Extensively used TOAD, SQL Developer and SQL Plus on daily basis for querying database tables
* Excellent verbal and written communication skills

**SKILLS**

* Operating Systems: Red Hat Enterprise Linux 6x/7x, CentOS 6/7, Windows 2003/2000/NT/XP
* App / Middleware: Oracle Web Logic 11g: SOA, OSB, Coherence, .Net Web Services, Apache, IIS
* Tools: Eclipse, SoATest, soapUI, Citrix Netscaler , Mercury Quality Center, Remedy, Samurai, Selenium, AutoHotKey, Toad, SQL Plus, Oracle SQL Developer
* Languages / Scripting: C#, C++, Java, J2EE, UNIX Shell, Python, HTML, ANT, AHK
* Database: Couchbase 7, Oracle-11g/10i, MS-SQL, and PL/SQL
* Monitor: Wily Introscope and HP Business Service Manager

**CERTIFICATIONS**

* Red Hat Certified Systems Administrator: Red Hat Enterprise Linux 7 (Achieved: November 13, 2015 )
* Oracle Certified Associate: WebLogic Server 11g System Administrator (Achieved: July 1, 2012 )

**EXPERIENCE**

**Securus Technologies** Dallas, TX

***Senior Software Engineer*** *-**Employee* 2012-Current

* Experience in performance tuning on JVM’s version 1.6 and 1.7
* Installing and configuring **Oracle weblogic 11g node / 4 cluster** production environment
* Creating **WLST scripts** to automate deployments and monitoring for weblogic
* Creating **JDBC** **Data** sources and tuning **connection pool** settings for optimum performance
* Performing regularly scheduled system level patching of WebLogic Severs
* Upgrading JDBC connection to GRID links in Weblogic
* Developing and implementing technical strategies for Weblogic system tuning and performance enhancements
* Implementing and setup of Couchbase 4.0 on Red Hat Enterprise Linux 7
* Automating installation and monitoring for Couchbase server
* Building multiple Liferay 6.2, Tomcat 7.0, and Active MQ environments
* Installing setup and configuring new environments for Apache and HAproxy
* Working on code migration from QA environment to Production
* Automating many administrative tasks using shell scripts and cron jobs
* Providing 24x7 support on rotating basis

**Cox Communications** Atlanta, GA

***SOA/Middleware Administrator*** *- Employee* 2011-2012

* Installing and configuring **Oracle SOA suite 11g (11.1.1.5)** components: **BPEL**, **Oracle Service Bus** (**OSB**) **Mediator**, **Rules Engine**, and **Coherence** in a **12 node / 4 cluster** production environment
* Configuring SOA **Metadata Services** (**MDS**) to use **Oracle RAC** database
* Creating **JMS Servers**, **JMS Modules**, **SAF** agents, **Queues** for channeling messages
* Utilizing **work manager** to prioritize server resource allocation to applications/components
* Configured **Node manager** to automate startup of SOA services and to enable death detection and recovery
* Upgrading **Fusion** services from version 11.1.1.3 to **11.1.1.5**
* Experienced in creating the following SOA components with JDeveloper: Adapters, Mediator, BPEL, Business Rules, and Human workflow
* Installing and configuring Oracle Service Bus on Oracle WebLogic Server 10.3.5
* SOA performance monitoring using Oracle Grid Control and Enterprise Manager Console
* Configuring JDBC adapter for Oracle and SQL Server and creating database aliases to connect applications
* Applied various patches to Weblogic 10.3.6.x
* Creating automated deployments scripts using WLST and shell scripts
* In-depth knowledge of Solaris and Linux environments from an application server support perspective
* Experience in analyzing log files, Thread Dups, JVM Dumps, Exception Stack Traces
* Skilled in configuring JMS server connection factory and setting up persistence store
* Creating and modifying different performance metrics using WLDF
* Automating weekly reports for measuring application performance and availability
* Providing production support (24/7) and coordinating with the users to resolve any critical issues
* Working in a diverse and geographically dispersed team of Integration developers, Architects and DBAs in designing and deploying SOA solutions for the client

**Cox Communications** Atlanta, GA

***Middleware Administrator*** *- Employee* 2009-2011

* Installed and configured **Oracle SOA suite 11g** consisting of **BPEL**, Mediator, **Rules Engine**, and **B2B** in a **3 node** production **cluster**
* Created **domains**, managed servers and grouped them into different WebLogic domains
* Configured **Node manager** to automate startup of SOA services and to enable death detection and recovery
* Worked closely with **Integration** developers and Business Analysts in defining the security needs for Web Services
* Created, Configured and Tested web service connectors from WSDL document to the remote server
* Worked with **Network** team to configure Citrix Netscaler Load Balancers in front of SOA nodes
* Coordinated with **Firewall**/security team to define necessary **firewall** **rules**
* Creating automated deployments scripts using Eclipse and ANT
* Provided production support (24/7) and coordinated with developers, QA team, management and end users
* Involved in configuring the System for Reverse-Invoke, and troubleshooting the issues
* Extensively used TOAD, SQL Developer and SQL Plus for querying the database
* Working knowledge of Web Services security including SOAP and WSDL
* Built web service client to invoke business process for validating and troubleshooting production issues
* Responsible for deploying code to QA, UET, Load, and production environments
* Involved in supporting environments and resolving architecture issues
* Experience in creating SOAP load tests with SoATest
* Performed architectural reviews for projects and recommend scenarios to increase performance
* Resolved the work requests, deployment tickets and change requests created in Remedy
* Supported applications and resolved the issues involved with SOA Suite and WebLogic
* Performed code reviews while improving the performance of applications

Apex Systems Atlanta, GA

***System Administrator -*** *Contractor at Cox Communications* 2008 -2009

* Supported, updated, configured and tuned 4 applications running on **WebLogic 9.x** environments
* Created and updated all configuration and **JDBC** connections to Oracle 10g/11g and MS SQL
* Configured **Node Manager** for Applications running on WebLogic
* Created **Diagnostic Images** using WebLogic Diagnostic framework (WLDF)
* Configured WebLogic connections to Apache Web Servers / Proxy Servers
* Validating code fixes to applications deployed to the development, QA and production environments
* Provided 24/7 support on rotational basis

**EDUCATION**

**Georgia State University** Atlanta, GA

*Bachelor of Business Administration, Computer Information Systems* 2008

**Relevant Classes**:

|  |  |
| --- | --- |
| * Programming in C# I & II * Database management System * Computer Forensics * Systems Analysis | * Programming in Java I & II * Intro to Information Security * Systems Development Project * Managing IT Projects |

**Computer Information System Projects**

* Added and maintained module upgrades to initial CIS alumni website portal for Georgia State University
* Coded in **C#** and **Java** to develop programs using MS Visual Studio
* Experience creating EER diagrams, relational schemas, tables, reports, queries using SQL in Oracle database
* Searched and produced computer forensic reports using EnCase software

**REFERENCES**

* Available upon request