**Chakradhara Konduru**

**DevOps/Middleware Engineer**

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**OBJECTIVE:**

Meticulous **DevOps/Middleware** Engineer with a solid understanding of **AWS**, expertise working with **automation tools** and strong **middleware server’s administration** skill is seeking to leverage my services to contribute for the success of the organization by increasing performance, stability and reducing the error rates.

**PROFESSIONAL SUMMARY:**

* 6 + years experienced IT software engineer worked for **13 projects** with **4 clients** having strong background in **designing** and **implementing solutions** along with **technical management** experience.
* 2 + years of combined experience as a **DevOps engineer** and **Middleware Engineer** for 4 projects with 2 clients dedicated to configuration management and automation.
* 2 years experienced **DevOps Engineer** worked for 4 projects with 2 clients, implemented **DevOps on** **AWS Infrastructure**, worked as **DevOps Engineer** on AWS and **Automation** for **Linux** and **Unix** systems.
* 2 + years experienced worked on 61 UNIX/LINUX platforms for 70 different development teams with **configuration management** tools such as **Puppet, continuous integration** **(CI)** and **continuous delivery** **(CD)** using **Jenkins, Gradle** and **Maven** build tool, cloud architecture Pivotal, Cloud Foundary, **AWS** ,Version control using **GIT, SVN**, and extensive programming in **BASH.**
* 5 + years experienced **Middleware Engineer** handling 1015 + J2EE applications with administration of Middleware technologies such as **Oracle Web Logic, IBM Web Sphere, Tomcat** and **JBoss application servers, Apache** and **IBM-HTTP web Server.**
* Hands on experience on 250 + Linux/Unix platforms. **Installed, Configured, Builded the Environment, Upgraded, Maintained and experienced trouble-shooter, fixed issues on Oracle** **Web Logic**, **IBM Web Sphere**, **JBoss** and **Apache Tomcat application servers**.
* Experienced with **Docker** container to transport any application to be run on any operating system/environment.
* Expertise in **Build** and **Release** management usingng **Jenkins (CI/CD).**
* Expertise with **Puppet** Configuration management tool. Installed and configured **master**, **agent** and **admin control work station** and automated configurations 10 + times.
* Created and updated 8 + **Puppet** manifests, modules, files, and packages stored in the GIT repository.
* Hands on experience with **Ansible** for deployments, services restart, alerts generation and yaml files configuration.
* Created 5 + **ansible playbooks** and wrote **python** modules to **automate** the installation of packages.
* Created 10 + **cookbooks** to **automate** the installation of packages, services and applications on nodes using **chef** infrastructure automation tool.
* Worked on several DevOps tools Subversion**(SVN), GIT, Ant, MAVEN, Puppet, Chef, Ansible and Docker** for Build, deploy, continuous integration to help developers work in an **Agile environment**.
* Experienced in **Agile Methodology**, deployed applications, worked on Load Balancing and Fail over functionality techniques in clustered environment.
* Experienced in Installing and configuring plug-ins for **web servers** to communicate with **Application Servers**.
* Created 100 + **Cron jobs** for timely running of tasks. Developed 50 + **start up, shutdown, back-up and recovery** **scripts** for **Web Servers** and **Application servers**.
* Developed 50 + **UNIX shell scripts** and implemented auto deployment process.
* Extensive experience as **trouble-shooter, fixed** 500 + J2EE application issues by using **Thread Dumps**. Also, fixed TCP Dumps for **network** issues.
* **Installed, Configured, Maintained, Troubleshooted and fixed** 250 + Application **Servers** on multiple platforms of SUN Solaris 9.0/10.0, Linux, UNIX and Windows environments.
* **Configured and deployed**  1000 + application builds for multiple applications on **WebLogic** application server (10.3.x, 11g, 12c) hosted **on Linux/Unix** platform.
* **Configured and deploy**ed 250 + web applications on **JBOSS** application servers hosted on **Linux** and **Windows** platform.
* Installed and maintained **Tomcat server** for 20 + JSP/Servlet (.war based) applications and **Apache** web server acting as proxy server.
* Expertise in **tuning** Application Server performance by changing the Heap Size parameters and tuning JVM's Garbage Collector.
* Troubleshooted and fixed 1500+ issues faced by 750 + developers within **Middleware** technologies on both **UNIX/LINUX platform** and maintained **UNIX** servers which involved both pre-prod and prod servers.
* Provided 24x7 support for Production and Development Environments.
* **Documented** 600 + files with client experiences their problems and respective solutions
* Self-starter and a good team player with excellent interpersonal communication and presentation skills.

**Technical skills :**

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| Web/Application Servers | WebLogic Server 8.1 (sp3 - sp6), 9.2MP2 & […] 11g, 12c, Apache Tomcat 6.x, 7.x, 8.x, JBOSS 6.x/7.x, WebSphere […] 8.5.5, Apache 2.2, 2.4, IBM- HTTP Server |
| Version Control Tools | Subversion(SVN), GIT |
| Build Tools | Ant, MAVEN. |
| CI Tools | Jenkins |
| Automation Tools | Puppet, Chef, Ansible. |
| Containers | Docker, Openshift |
| AWS | EC2, EBS, S3, VPC, RDS, SES, ELB, EMR, ECS, Cloud Front, Cloud Formation, Elastic Cache, Cloud Watch, RedShift, Lambda, SNS, Dynamo DB. |
| Operating Systems | Red Hat Linux, Windows […], Sun Solaris, HP-UX. |
| Scripting | Shell scripting (Bourne, Korn, C and Bash), Python,WLST scripting, Perl scripting. |
| Database systems | Oracle, MySQL, MS SQL. |
| Tools & Environment | Eclipse, VMware 6, Wireshark, NetBeans, Toad, Putty, JIRA, Cron Jobs, OpenSSH. |
| Protocols | TCP/IP, SNMP, POP/SMTP, HTTP, FTP |
| Programming Languages | Java/J2EE, C, C++, SQL, PL-SQL |
| Markup Languages | HTML, CSS |
| Business Tools | MS Office (Word, Excel, Outlook, Power Point), MS Visio (UML, Flow Charts, Use Cases, Activity diagrams, Sequence diagrams |

**Professional Experience**

**North Western Mutual - Milwaukee, WI Apr 2016 to Present**

**DevOps/ Middleware Engineer (Weblogic)**

**Responsibilities:**

* Installation and Configuration of **BEA WebLogic Application Server 9.2 and Oracle WebLogic 10.3/11g/12c** on **SUN Solaris 9.0/10.0 and Windows environment.**
* **Migrated** WebLogic 10.3.x to **JBOSS** **Eap** 6.x for 355 applications and involved in complete evaluation, feasibility, contacting Red hat team for any code changes if required.
* Determined and **suggested hardware** and **software specifics** to the System and customized as per the requirements.
* Configured **Node Manager** for running managed servers
* Installed and configured **Apache HTTP Server 2.0**, **Tomcat 6.0, IIS 6** and **Sun One** Web Servers in various environments.
* Installed and configured **plug-ins** for **Apache HTTP server** and **Sun One Web server** to proxy the request for Weblogic server.
* Experience in **analysing the proxy server log** in comparison with Weblogic logs to narrow down the malformed request.
* Performed migration and **upgraded** **Weblogic server 10.x** to **Weblogic 11x** and to the recent **version12c**.
* Worked on setting up **LDAP, SSL** certificates on **WebLogic** using the key stores.
* Extensive working knowledge on automation for deployment/ configuration of different Application servers (**WebLogic, Was, JBoss)** andWeb Servers (**Apache, Nginx)** and Web Containers like **Tomcat** etc.
* Experience in **Load Balancing** to configure Load Balancer rules to evenly distribute traffic between multiple servers.
* Performed Deployment of Release to various **QA & UAT** in **Linux** environments.
* Created **automated** **build** and **deployment** process for 150 + applications, performed re-engineering to setup for better user experience, and built a continuous integration system for 150 + products.
* Defined Release Process & Policy for 45 + applications early in **SDLC.**
* **Designed** different **Release Environments** for 50 + projects.
* Designed and Implemented build framework for 100 + applications using **Jenkins & maven** as build framework tools.
* Used Jenkins **AWS** Code Deploy plug-in to deploy to **AWS**.
* Managed **Amazon Web Services** (AWS) infrastructure for 10 + applications with **automation** and **configuration** management tools such as **Udeploy**, **Puppet** or custom-built .
* Designed cloud-hosted solutions, specific **AWS** product suite experience.
* Involved in Integration of **Automated Build** with **Deployment** Pipeline for 75 + applications.
* Installed **Chef** Server and clients to pick up the Build from **Jenkins** repository and deploy in target environments (**Integration, QA, and Production**).
* Installed and configured an automated tool **Puppet** 25 + times that included the installation and configuration of the **Puppet** master, agent nodes and an admin control workstation.
* Created 8 **+ Puppet manifests** and modules to automate the configurations of systems operations.
* Deployed **Puppet, Puppet dashboard** and **Puppet DB** for configuration management to 100+ existing infrastructures.
* Used **Puppet** to make sure the **Jenkins slaves** are coordinated.
* Did upgrades to **75 +** applications using **Puppet modules**.
* Developed Puppet modules to install **Tomcat, JBOSS, WEBLOGIC, WAS, SOLR servers**, Zookeeper and Beaker Ruby test scripts to test the modules.
* Built applications (EAR, WAR, JAR) using **ANT,MAVEN** scripts. Deployed/undeployed applications like (**EAR, WAR, JAR)** using **Shell** scripts.
* Worked on installation of **Docker** using **Docker toolbox**.
* Worked on creation of custom **Docker container images**, tagging and pushing the images
* Implemented **AWS** solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer**, **Auto scaling, multi AZ VPC, IAM and Cloud Watch.**
* Configured **Ec2 container service** (ECS) and Docker engine to deploy the micro services-oriented environments for scalable applications.
* Migrated applications to the **AWS** cloud.
* Work with different team members for automation of Release components.
* Scripted in multiple languages on **UNIX, LINUX** and **Window**s – **Batch, Shell script** etc.
* Installed and configured **LAMP** servers like **Apache/Tomcat/MySQL/PHP**.
* Troubleshoot the build issues during the Jenkins build process.
* Resolved system issues and inconsistencies in coordination with quality assurance and engineering teams.

**Environment: Red Hat Linux 5/6,x, WebLogic, JBoss, Apache/Tomcat/MySQL/PHP, GIT, JENKINS, PUPPET, CHEF, DOCKER, MAVEN, AWS, EC2, WEBSPHERE, ANT,PUTTY, CONFLUENCE.**

**Comcast, Denver, CO Jul 2015 to March 2016**

**DevOps/Middleware Admin**

**Responsibilities:**

* Worked from Scratch, like choosing hardware specifications, Installed required tools on my virtual machine and administered , monitored different servers.
* Troubleshooted and resolved 50 + of **build and deployment** issues in preprod/prod environments.
* Installed and administered **Artifactory** repository. Deployed more than 200 artifacts generated by **Maven** and to store the dependent jars which are used during the build.
* Involved in setting up **JIRA** as defect tracking system and configured various workflows, customizations and plugins for the **JIRA** bug/issue tracker.
* Setting up **continuous integration** and formal builds using **Jenkins** with **Artifactory** repository
* Installed, Deployed **Red Hat Enterprise Linux 6.x/7.x, CentOS** and installation of packages and patches for Red Hat Linux Servers.
* Installed Configured and Administered **WebLogic Application Server 8.x/9.x/10.x/11g** on **Linux, Solaris** and **Windows** Environment.
* Maintained build related **scripts** developed in **ANT, shell**.
* Modified build configuration files including **Ant's** build.xml.
* Worked on Setting up **Chef** Workstation, Working with **Chef Cookbooks, Chef Recipes** and **Chef Attributes**.
* Installed and monitored tools on **Window**s and **Linux** Environments.
* Wrote Scripts for automatic Deployment through **Bamboo**.
* Developed Automation **script** to trigger push to production from Jira, invoke Build in **Bamboo** and deploy to target servers.
* Automated **scheduling /Periodically** builds and Deployments on timely basis.
* Created **Jira** workflows to automate deployment and issue tracking.
* set up build notifications, created the users and assigned the permissions on **bamboo**.
* Deploy the all build artifacts in **tomcat** server and resolved the issues for any failed jobs.
* Used Jenkins to automate everyday builds, testing and deployed in **artifactory** and **tomcat** servers.
* Installed and administered **Artifactor**y repository to deploy the artifacts generated by **Maven** and to store the dependent jars which are used during the build.
* Resolved update, merge and password authentication issues in **Bamboo and JIRA.**
* Deploy, configure using **Hudson, Jenkins, Hudson, BladeLogic, Git and SVN** – Dev, QA and Prod.

**Environment:** Oracle WebLogic Application Server, Git, , Tomcat, Apache, Oracle 12c, Jenkins, Python, Ruby Chef, JIRA, Maven, Art factory, Ubuntu, CentOS, Linux, AWS ELB, AWS S3, AWS Cloud Formation Templates, AWS RDS, AWS Cloud Watch

**Infosys Limited , INDIA Jan 2011 – June 2015**

**Client: Pfizer Inc**

**Role – Middleware Systems/ Platform Maintenance Engineer (Weblogic)**

**Responsibilities:**

* **Installed, Configured, Maintained, Troubleshoot** and fixed **BEA WebLogic** Application Server 9.2 and **Oracle WebLogic 10.3/11g/12c** on 250+ platforms of SUN Solaris 9.0/10.0, Linux, UNIX and Windows environments.
* Configured and deployed the application builds for 850+ applications on WebLogic application server (10.3.x, 11g, 12c) hosted on Linux/Unix platform.
* Configured and deployed 65 web applications on **JBOSS application** servers hosted on Linux and Windows platform.
* Installed and maintained 22 Tomcat and 35 Apache web servers.
* Implemented **Oracle Fusion Middleware components** for systems integration on WebLogic 11g and OAS 10g platforms.
* Administered Oracle SOA 11g/12c for 3 Pfizer business applications.
* **Deployed** **220 application builds** on the pre-prod environment to reduce prod web application stability issues.
* Involved in changing the configuration of new **builds** on the existing environment and deployed to QA, Stage and Production environments as required.
* Configured **node manager** associated with managed servers to a machine to control/monitor-managed servers on various physical boxes.
* Configured **clustering** to maintain **high availability** of 210+ Business critical applications.
* Involved in configuring Multi data source for load balancing and Grid link data source in 11g to provide **Fast Connection Failover (FCF), Runtime Connection Load-Balancing** (RCLB), and **RAC instance graceful shutdown**.
* Configured **JDBC connections**, **JMS server**, **JTA**, **JNDI**, **SNMP** and Node Manager to administer the Managed Servers in WebLogic Application Server.
* Implemented security by configuring **Secured Socket Layer** (SSL) for client authentication and data encryption.
* Monitored WebLogic/Jboss **Server health** and **security**.
* Created **Connection Pools** and **Data Sources** in WebLogic console.
* Created and **Configured Data Sources** for database connectivity and **JMS resources.**
* Involved and taken care of performance tuning of **JVM heap size**, **garbage collections**, **java stack** and **Native thread** & production performance.
* Worked on tuning Application Server, and Web Servers by changing the **Heap Size parameters** and tuning JVM's Garbage Collector.
* Upgraded WebLogic server 9.2 to WebLogic 10.3.6 and **updated JDK's** and installed service packs and patches.
* Working knowledge of using several **DevOps tools** Subversion(SVN), GIT, Ant, MAVEN, Puppet, Chef, Ansible and Docker for Build, deploy, continuous integration to help developers work in an Agile environment.
* Worked and collaborated with different teams to automate and improve the migration process.
* Developed and ran **UNIX shell and perl scripts** and implemented auto deployment process.
* Wrote more than 5**0 shell scripts** with 30+ lines of code (LOC) used for automation to install and administer **WebLogic** and **Jboss** platforms.
* Troubleshoot and fixed issues faced by Pfizer clients for UNIX platform and maintained 155 UNIX servers which involved both pre-prod and prod servers.
* Documented 300 files with client experiences their problems and respective solutions

**Client: DICK’S Sporting Goods.**

**Responsibilities: (WebLogic and WebSphere)**

* Helped Developers to follow **J2EE standards** for an application with 700+ lines of code (LOC).
* Responsible for **system analysis**, **design** and development using **J2EE architecture**.
* Implemented **OOPs concepts** and have good understanding of **core JAVA**.
* Installed and configured **IBM WebSphere Portal Server 6.0.x**, **WebSphere** and **IBM HTTP Server 6**.
* Installed **WebSphere commerce** server for Dick’s Sporting Goods (DSG) e-commerce website.
* Applied **Fix packs / e Fixes / Refresh packs / Cumulative fix packs** for WAS using Update Installer and automated it.
* Administered and Maintained **WAS Network Deployment Manager** clusters (vertical, horizontal) and deployed applications in highly available, load balanced production environments.
* Provided 24\*7 support to the WebSphere commerce server developers for **deployments, restarts** and several bug fixes.
* Administered **WebSphere application server** in the UNIX platform for dev, Qa and prod environments.
* Created roles based on Administration (Administrator, Monitor, Operator and Configuration).
* Knowledge in using **WSADMIN** (AdminConfig, AdminApp, AdminControl, Help) commands.
* Configured WebSphere resources like **JDBC providers**, **JDBC data sources**, **connection pooling**, and **Java Mail sessions**.
* Experience with monitoring the JVM performance by **WebSphere Heap Size, garbage collection, JDBC Pools**.
* Troubleshoot and fixed issues faced by DSG wcs developers and ensured proper closure of the **1200 tickets** raised by them.
* Documented **175 issues** with its **solutions** based on the client experiences.

**Education:**

**Bachelor of Technology in Electronics and Communication , 2007 – 2011.**

**Amrita School of Engineering, Bangalore – INDIA CGPA: 3.73/4.00.**