**Azher Mohammed** 

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**Professional Summary:**

* **8 years** of Experience in Implementing **DevOps** strategy and **Middleware Administration** with a good experience in Java Programming and windows servers in various environments of Linux along with adopting cloud strategies based on **Amazon Web Services.**
* Expertise in architecting and deploying of fault tolerant, cost effective, highly available and secure servers in **AWS.**
* Managed Linux and Windows virtual servers on **EC2** using **Chef** Server and Familiar with **Cloud watch**, **Elastic IP’s** and managing **security groups** for **EC2 Servers.**Hands on experience with the **AWS CLI** and **SDKs/API tools.**
* Designed **AWSCloud Formation** templates to create custom sized **VPC**, **subnets**, **NAT** to ensure successful deployment of Web applications and database templates.
* Expertise creating complex **IAM** policies, Roles and user management for delegated administration within AWS.
* Experience with configuration management using **Puppet, Chef** andcontainer management with **Docker.**
* Excellent at defining **Chef Server** and workstation to manage and configure nodes. Developed **Recipes**, **Chef Cookbooks** to manage systems configuration.
* Extensively worked on Continuous Integration and deployment using various CI Tools like **Jenkins, Puppet, Chef, Hudson, Bamboo** and **Sonatype Nexus**.
* Hands on experience with build tools like **Bamboo**, **Hudson/Jenkins, TeamCity**, **Anthill Pro**, **Sonar**, **uBuild, Maven, ANT and NANT.**
* Expertise in managing of library versions and deprecated code, Design and sequencing of **automated builds**& test runs and Troubleshooting expertise – **build failures** due to dependencies, tests, etc.
* Experience in automatic deploying of applications with **Amazon Lambda** and **Elastic Beanstalk.** Involved in designing and developing applications that use **MongoDB** and **DynamoDB** in AWS.
* Experience in working with linking of applications in AWS with websites using DNS service **Route 53**
* Experienced with log monitoring tools like **Monit, Splunk, Nagios, Tivoli** and **AppDynamics**.
* Created and wrote **shell scripts** (Bash), **Ruby**, **Python** and **PowerShell** for automating tasks.
* Experience with **Scrum** and **Agile** Environments for regular cadences of work.
* Experienced in branching, tagging and maintaining the version across the environments using **SCM** tools like **GIT**, **Subversion** (SVN) and **TFS on Linux** and **windows** platforms.
* Created various web apps for administering the extract of files and storing it in Amazon’s **S3** storage.
* **Configuring Replication** (Merge, Transactional & Snapshot) to replicate data to regional and remote servers and troubleshooting Replication issues.
* Designed and developed front-end screens using **JavaScript, CSS,HTML, Bootstrap, JQuery** and **Angular JS, D3**.
* Developed web application using **Python** with **Django**.
* Developed User- Interface screens involving **Servlets, JSP, JavaScript** and **XML DOM parser**.
* Designed and developed User Interface, application modules using **JSP**, Hibernate as persistence provider, **tag library**, **CSS** and **JavaScript**
* Developed Web applications using **Ruby, Python, Django, MongoDB**, **PyMongo, Cassandra**
* Extensive experience in developing **PIG Latin Scripts** and using **Hive Query Language**
* Expertise in developing and implementing web applications using **J2EE Technologies**, which includes **Servlets, JSP** and **Java Beans**
* Integrated various google **API’**s for reporting, visualization tools, maps, OAuth, Drive integration.
* Used **Jive** for debugging of Java program
* Developed Web Application using Spring MVC Framework. Developed Business components using **SpringAOP**.
* Developed HTML pages for use with Web Focus reports.
* Designed and developed various Screens using **JSP, DOJO, JavaScript, HTML and CSS**.
* Good Understanding of **IDE**s like **STS, RAD** and Version control tools like **SVN, StarTeam**.
* Extensive experience in building & deploying **EAR, WAR, JAR** files on test, stage & production servers.
* Experience in **WebLogic 10.x/11/12c, WebSphere 7/6, JBOSS 4.0.x** and **Tomcat 7.x/6.x/5.5** of application servers.
* Familiarity with MS **Azure, Open Stack** cloud based technologies
* In-depth experience in developing and supporting both production and development environments.
* Capable of delivering well documented applications, adhering to quality standards and delivery dates.
* Good experience in working with a team together to deliver best outputs in given time frames
* Supported the application in production and worked closely with off-shore teams.
* Excellent interpersonal skills, ability to interact with people at all levels.

**Technical Skills:**

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| --- | --- |
| DevOps Tools | SCM, Git, Bitbucket, Maven, Chef, Puppet, Hudson, Jenkins, Docker, Agile, jira,nagios. |
| Operating Systems | Sun Solaris 11, 10, 9, 8, 7, Red Hat Linux 3.x, 4.x, 5.x, 6.x, SUSE 10/11/12, Ubuntu, OEL, CentOS, Windows NT/2003/XP/2000. |
| Hardware | Sun Ultra Enterprise Servers (E3500, E4500, E450, E420R, E250) Sun Fire(6800/4800/3800/v880/v480/v210/v440/280R/15K/25K), Sun Workstations (Ultra 5, 10,20, Blade 100,150,2000), Sunstor EDGE A1000 and D1000, HP 9000 series, IBM RS/6000, p Series, x Series. Dell R710, R720, R510 and R910, IBM Blade Servers |
| Network Protocols | SMTP, SNMP, ICMP, TCP/IP, FTP, TELNET, UDP, and RIP, iSCSI, Fibre Channel. |
| Backup Management | VERITAS Netback up 4.x/5.x/6.x, Solstice Disk Suite, tar, dd, cpio |
| Tape Hardware | Storage tape libraries L40, L80, L180, L700, SL500, SL8500, DAT & DLT, STK 9940B, 9840B, LTOs. |
| Web/Application Servers | Tomcat, Apache, Web logic, WebSphere Iplanet and JBoss |
| Database | Oracle, DB2, Sybase, SQL, Postgres, NoSQL, Mango DB |
| Technologies | EJB 1.x/2.0, JNDI, JMS, JTA/JTS, RMI, JDBC, Servlets, JSP, SAX/DOM, Web Services, SOAP, WSDL, UDDI, JAXB, JavaMail, WAP, WML, HTML |
| Languages | C++, Java, Shell Scripting, Python, Ruby, XML/XSL, JavaScript |
| Cloud Platforms | AWS, Microsoft Azure and Rackspace, Openstack, Cloud Foundry |

**Professional Experience:**

**Client: Seclore, Phoenix, AZ Jan’20- Till Date**

**Role: Sr. AWS DevOps Engineer**

**Responsibilities:**

* Worked as a DevOps Engineer for a team that involves three different development teams and multiple simultaneous software releases.
* Excellent interpersonal skills, ability to interact with people at all levels.
* Good experience in working with a team together to deliver best outputs in given time frames.
* Supported the application in production and worked closely with off-shore teams.
* Developed and implemented software release management strategies for various applications according to **agile** process.
* Deployed java applications to **application servers** in agile continuous integration environment and also automated the whole process.
* Responsible for installing **Jenkins** master and slave nodes.
* Configured **Git** with **Jenkins** and schedule jobs using **POLL SCM** option.
* Performed integration of Code Quality Analysis techniques - **Checkstyle**, **Findbugs** with CI tools.
* Managed Sonatype **Nexus** repositories to download the artifacts (jar, war & ear) during the build.
* Installed **GRUNT**,**SonarQube** on sandbox and installed plugins basing on developer requirements.
* Used **Shellscripts** to automate the deployment process.
* Developed agile processes using **Groovy**, JUnit to use continuous integration tools.
* Worked on infrastructure with **Docker** containerization.
* Involved in setting up builds using **Chef** as a configuration management tool.
* Manage the configurations of more than 40 servers using **Chef**, configured **Jenkins** builds for continuous integration and delivery. Automated **webserver** content deployments via **shell scripts.**
* Established **Chef** Best practices approaches to system deployment with tools with **vagrant** and managing Chef **Cookbook** as a unit of software deployment and independently version controlled.
* Installed **SPLUNCK** from Puppet module tool (PMT) from command line,
* Used **Chef** and other configuration management tools to **deploy** consistent infrastructure code across multiple environments.
* Written wrapper scripts to **automate** deployment of **cookbooks** on **nodes** and running the **chef** client on them in a **chef** solo environment.
* Created **Python scripts** to totally automate AWS services, which includes web servers, ELB,
* Designed and developed automation test scripts using Python.
* Created **Chef Cookbooks** and **recipes** that kickoff post-install scripts.
* Assisted end-to-end release process from the planning of release content through to actual release deployment to production.
* Followed agile principles and used **JIRA** for maintenance and Bug development tasks.
* Deployed the build artifacts into environments like QA, UAT and production according to the build life cycle.
* Automated the build and release management process including monitoring changes between releases.
* Configure, monitor and automate **Amazon Web Services**.
* Created and managed custom **CentOS** and Linux based **AMI**s
* Setup **Elastic Load Balancer** for distributing traffic among multiple WebLogic servers.
* Involved in deploying the content cloud platform on Amazon Web Services using **EC2**, **S3** and **EBS**.
* Creating **S3 buckets** and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Created **Docker** file for each micro service’s and also changed some of the tomcat configuration file which are required to deploy Java based application to the **Docker container**.
* Moved 50 micro services running on Amazon Ami into the **Docker containers**.
* Collaborated with development support teams to setup a continuous delivery environment with the use of **Docker**.
* Used **SVN** as source code repository.
* Created the branches in **subversion** to implement the parallel development process.
* Merged release branches to the trunk after the production release and resolved the conflicts if any during the merge in subversion.
* Involved in migrating from **SVN** to **GIT**.
* Create and setup automated nightly build environment for java projects using **maven**.
* Build scripts using **ANT** and **MAVEN** build tools in Jenkins to move from one environment to other environments.
* High level troubleshooting to fix hardware and Software issues on **UNIX/VMware** platforms.
* Developed, maintained and distributed release notes for each scheduled release.
* Kept track of all releases and request of the developers through infrastructure management tool.

**Environment**: Git, Jenkins, Chef, Docker,Nagios, Jira, AWS, Confluence, Java/J2EE, ANT, MAVEN, Web Logic, Shell Scripts, Groovy,AWS.

**Client: Schneider National Trucking, Green Bay, WI Oct’17-Dec’19**

**Role: DevOps Engineer**

**Responsibilities:**

* Setting up Continuous Builds using **Jenkins**.
* Supporting – patching, rollbacks into SIT, UAT, Production environments
* Setting up SCM/Build tools for Developers. Helping to resolve all SCM/Builds issues like merge conflicts, compilation errors, missing dependencies, Branching/Merging/Tagging.
* Installed, configured and maintained **Web Logic 8.x/9.x/10.x/10.3.x/12c** and **JBoss EAP 4.x/5.x/6.x, Jboss EWS software on IBM AIX, Sun Solaris and Redhat Linux in Dev, Test and Production Environments.**
* Configured clusters’ **Web Logic 8.x/9.x/10.x/10.3.x/12c** and **JBoss server5.1.0.GA and EAP 6.0**
* Working on **AWS** Servers.
* Provisioning environments in **AWS** cloud, building everything in **Chef**.
* Assisting in the incident management process by reviewing production data and providing analysis on customer-impacting incidents.
* Deployed and hosted the application on AWS using OpsWorks, automated single click deployment onto AWS using **Chef**.
* Developing scripts for deployment of customer environments into AWS, using **Bash** and **Python.**
* Optimizing capacity mainly on **EC2,S3** and **RDS**, to optimize costs, while maintaining current services optimally.
* Collaborate with different teams to deploy application code into dev, QA, staging and production environments.
* Worked with project managers, architects and development team leads to understand and document CM requirements. Developed SCM plans, identified Configuration Items, defined directory structure.
* Used SVN to check in the Selenium test script and executed the Selenium scripts using Jenkins/Maven plug in.
* Performed all necessary day-to-day **Subversion/GIT** support for different projects.
* Installed and configured **GIT** and communicating with the repositories in **GITHUB.**
* **JBOSS**configuration is done in thoroughly firewalled environment using TCP.
* Installed, configured **JBOSS 4.x/5.x/6.x** software binary in all environments.
* Used the version control system **GIT** to access the repositories and used in coordinating with CI tools.
* Analyze and resolve compilation and deployment errors related to code development, branching, merging and building of source code.
* Integrated **Salt Stack** to git with out gitfs as part of pilot project without gitfs
* Develop and enhance the **automated configuration management** system.
* Used **Maven** to perform daily and weekly Software Builds.
* Installed, administered and configured **Jenkins** Continuous Integration tool.
* Wrote MAVEN and **Gradle** Scripts to automate the build process
* Automated system configuration using **Puppet**.
* Implemented **Puppet** modules to automate configuration of a broad range of services.
* Developed **Puppet** modules to automate deployment, configuration, and lifecycle management of key clusters.
* Wrote **puppet** manifests for deploying, configuring, and managing components.
* Resolving merging issues during build and release by conducting meetings with developers and managers.
* Maintain build system and automate build process for different applications.
* Deploying Java Enterprise applications to **Apache Web Server, JBoss Application server.**
* Used Oracle to connect to various databases and to check for the invalid objects after and before each release.
* Solid understanding of **Linux shell** and **Perl scripting,UNIX,** Windows, build and release engineering principles.
* Posting the build on time & following it up the testing team on posted builds until the specified release goes.

**Environment**: Aws,Puppet,Splunk ELK, Rundeck, Stash, Redhat Linux, Maven,AWS EC2, S3, Route53, EBS, IAM, ELB, Cloud watch, Cloud Formation, AWS CLI, AWS Auto Scaling, Maven, Nexsu, Git, Jenkins, Unix/Linux, Shell scripting.

**Client: Guitar Center, Westlake, CA Apr’16-Sep’17**

**Role: Middlware/Weblogic JBoss Administrator**

**Responsibilities:**

* Performed **Web Logic Server** and **Jboss administration** tasks such as **installing, configuring, monitoring and performance tuning.**
* Performed J2EE enterprise application deployment and administration on **WebLogic Server and Jboss**, including JAR, WAR, and EAR files.
* Trimmed the **Jboss EAP** to create the slim version of Application Servers.
* Secured the **Jboss application server.**
* Developed build and deployment scripts using **ANT and MAVEN** as build tools in **Jenkins** to move from one environment to other environments and also create new jobs and branches through **Jenkins.**
* Managed Chef Cookbooks to automate system operations.
* **AWS Cloud** management and **Chef Automation.**
* Deployed built artifacts to **WebLogic application server** using **MAVEN.**
* Created Managed Servers in a **Cluster** with round-robin algorithm for **Load Balancing.**
* Mainly worked in presenting data using eBilling Reporting Module by configuring the report in the report XML
* Deployed the applications on multiple **WebLogic Servers** and maintained Load balancing, high availability and Fail over functionality.
* Guided the scrum team and organization on how to use **Agile/Scrum** practices and values to get the most business value.
* Worked with the Portal team to integrate Info View into **Oracle WebLogic Portlet.**
* Worked on web application and portal development on a large **Oracle data warehouse**, and administration of a middle tier application server.
* Successfully carried out **SiteMinder upgrade 6.0 sp5 to R12 sp3.**
* Upgraded Siteminder Policy Server and **Webagents to R12 sp3 cr1** following a four step procedure from compatibility mode to FIPS mode
* Configured Security authenticators, managed security realms, users and groups.
* Involved in Performance tuning of **WebLogic server** with respect to heap, threads and connection pools.
* Creating the POC for testing the connections like **JDBC and JMS servers** using the Tibco Business works.
* Installed and configured **CA Wily Monitoring Tool** and created dashboards and metrics to monitor Siteminder and LDAP Infrastructure,
* Configure **Oracle Enterprise Manager Grid Control 10g/ Cloud Control 12c** for centralized database management and monitoring.
* Oracle Enterprise manager 12 Cloud Control for monitoring.
* Configured **Sun One Directory Server (LDAP)** with **WebSphere** for system authentication
* Applying the fix packs and cumulative packs to the **WebSphere 6.1/6.0/7.0**
* Worked on **TAM (Tivoli Access Manager)** which provides a modular authorization architecture that separates security code from application code.
* Developed scripts for log rotations capabilities for **JBoss Server**.
* Configured Connection Pools and deployed applications into **Tomcat containers.**
* Coordinated production issues with several teams like UNIX, Network, Database, Infrastructure andApplication teams and helped them in resolving the issues.
* Configure and administered of **JDBC, JMS (JBoss MQ/IBM MQ) resource in JBOSS applications.**
* Involved in Migration of **Weblogic server 10.3.0 to Web logic 12.1.x**
* Implementing and supporting applications load balancing using **F5.**
* Troubleshoot **Web Logic Server connection** pooling and connection manager with Oracle, DB2.
* Installed and configured **Apache and JBOSS Web Server.**
* Analyze functional and business requirements for optimum utilization of **AEM** components and performance.
* Troubleshoot F5 ASM ‘blocks’ and create exception or impose rules by coordinating with the application team and security team.
* Co-coordinating with batch **processing & scripting** to automate jobs in all the environments.
* Configured Authentication methods in **IIS 6.0** to control access to the applications.
* Maintained scripts to ensure a secure **IIS administration.**
* Configured and administered of JDBC, JMS, JNDI, and SNMP in **WebLogic Server 10.x.**
* Developed scripts for automatic startup and shutdown of Admin Server and Managed Servers.
* Created Crontab scripts for timely running jobs.
* Wrote, maintained, reviewed and documented modules, manifests, Hiera configurations and Git repositories for Puppet Enterprise on RHEL and SLES platforms.
* Trained and supported Linux engineers in the use of the company's **Puppet infrastructure.**
* Set up Web Logic domain with a single Server instance for developers on their windows machines.
* Installed and administered **BigIP F5 load balancers** to provide uninterrupted service to customers.
* Provided support for teams in activities such as **Load testing, troubleshooting, and performance tuning.**
* Performed **Web Logic Portal Administration** tasks as portal management, content management and user management.

**ENVIRONMENT:** Oracle WebLogic 8.x/10.3.x, WebLogic Portal 10.3.5, Jboss 7.0/6.0/5.1, IIS 5.x/6.x/7.x TIBCO 5.10x, 5.1x,4.9x , Tomcat 5.x/6.x, OSB 11g, SOA Suite 11g, Oracle 10g/11g, Solaris 10, LINUX 5/6, AIX 5.3, V6.1, Sun ONE Directory Server 6, SunOne WebServer 6.0, GlassFish V3.1/4.x ,webMethods Integration Platform 8.2/9.x,SDLC,agile, WebMethods Developer, puppet, Apache 2.2.x, Python, ANT, AWK, IIS, Netegrity SiteMinder Policy Server 5.5/6.0

**Client:AvMed, Gainesville, FL Dec’14-Mar’16**

**Role: Middleware/Weblogic Administrator**

**Responsibilities:**

* Performed **Installation** and **Administration** of **BEA Weblogic 10/11g**
* **Migrating** and **Upgrading** of **Weblogic 9.2/10 server** instances to **Weblogic 10.3.4 Server.**
* Performed **Installation** and **Administration** of Apache webserver **2.2.14/2.2.19/2.2.20**.
* **Migrating** and **Upgrading** of Apache instances from **2.2.14 to 2.2.19/2.2.20.**
* **Installed** and **Configured Site Minder.**
* Performed **Installation** and **Administration** of **OracleSOA Suite 11.1.1.2**
* **Deployed composite applications using EM console and ANT build scripts for SOA Suite 11g.**
* **MigratingOracle HTTP Server** Services to **Apache.**
* Configured **SSL Certificates** for Weblogic and Apache servers.
* **Installed and Configured LDAP server, Configured security providers.**
* Wrote scripts for creating, configuring, starting Weblogic servers using **WLST**.
* Very good Knowledge and experience with ANT, Cruise Control, **Maven**.
* Setup and configured large **Enterprise Weblogic Clusters** utilizing BEA’s Weblogic 10 and 9.2 MP1, wrote scripts and Java utilities that determine the performance of the Staging and Production sites.
* Involved in Weblogic 11g/10/9.2 testing and analyzing performance metrics and creating respective Weblogic resources.
* **Deployed** the **WAR, JAR and EAR** applications in Weblogic **10/11g** Responsible for application changes across different platforms- development, testing, staging and production environments.
* Developed several scripts using **ksh** and **bash** to automate jobs. ( **Security audit scripts, password automation scripts, network stats, file storage, etc**)
* Created Weblogic domains, managed servers, clusters, machines and start up scripts.
* Involved in the migration of the applications from **tomcat 5.5 to WebLogic Server 10.3**
* Configured **JDBC** resources, data sources and bounded to the J2EE applications, configured the connection pools for the data sources. Created the **Oracle Application server**, **JMS Server, JMS Connection Factories, Queues, Topics, Database Store** and **Message Bridges** and monitored.
* Managing and Monitoring the **JVM** performance by **Weblogic Heap Size, garbage collection, JDBC Pools** and taking **Thread dumps, pstack and prstat** and analyzing to find the problems in application. Configured the Session Management i.e. Memory to Memory and Database replication on Weblogic Application server.
* Years of experience in **development and deployment** of enterprise applications on Weblogic, and Tomcat application servers
* Involved in doing a performance benchmark of Weblogic server by using Load runner.
* Developed scripts (start, stop, backup & recovery processes) for Weblogic application server administration. Developed **WLST/JYTHON, ANTscripts**, **UNIX shell scripts** to automate the deployment process.
* Expertise in managing the databases and application servers OEM (Oracle Enterprise Manager grid control.
* Expertise in writing **WLST scripts using Jython/Python** for starting, stopping servers, Node managers and deploying applications.
* Configured One-way and Two-way **SSL Certificates** for Weblogic Server
* Working knowledge of tools like **IBM Rational ClearCase, which** improves team productivity and efficiency
* Used oracle security middleware to control and access to data and to restrict the use of various database resources.
* Monitored Weblogic server resources using **Wily 6.0 Introscope**.
* Defining and maintaining Queue Managers and **MQ Objects** on various platforms
* Identifying the need for and defining channels and queues and monitoring them.
* Involved in 24/7 support for production environments

**ENVIRONMENT:** WebLogic Server 8.1/9.x/10.x, Oracle SOA Suite 11g, OSB 11g,Jboss 6.0/5.1 Linux, SDLC – Agile ,Design, AIX 5.3,V6.1, WLST, Sun Solaris, tier-3 application support, puppet, Oracle11g, Apache.

**Client:Value Labs, INDIA Dec’12-Nov’14**

**Role: Middleware administrator**

**Responsibilities:**

* Installing **WebLogic 8.1** and applied Service Packs in different environments.
* Installation, configuration and administration of **BEA WebLogic** in clustered and non-clustered environments.
* Monitoring tools/scripts toget important information from all of department’s server’s operating system and application patch level, disk space and memory usage, users activities on day-to-day basis.
* Configuring individual servers for different environments.
* Deployed **J2EE Web and EJB** modules using WebLogic Command Line Deploy tool and WebLogic Admin Console.
* Worked in Java and programming in JavaScript, J2EE, **JSR, JSF, AJAX, jQuery, JSON, RIDC.**
* Used MVC design pattern with **JSP, HTML for front-end** and **Servlets and EJBs** for Model layer.
* Implemented Session Beans for implementing Business Logic and Entity Beans to persist the data into the database.
* Mainly worked in presenting data using eBilling reporting Module by configuring the report in the report **XML.**
* Used **Java Message Service (JMS)** for sending confirmations to the passengers about ticket purchases.
* Configured Database Support for **WebLogic Application Server.**
* Oracle Enterprise manager **Cloud Control for monitoring.**
* Used Ant Build scripts for compiling and deploying the application onto **Apache Tomcat Web Container.**
* Worked on Configuring **JDBC Connection Pools**, data sources, Executed Threads etc.
* Responsible for application changes across different platforms - development, testing and production environments.
* Used various security roles for maintaining security realms in staging and production environments.
* Performed File system and Application backups.
* Responsible for the maintenance of the application, **troubleshooting applications problems on client and server side.**

**ENVIRONMENT:**BEA WebLogic 8.0, IIS 5.0, Unix/Linux, Windows.NET/2000, Shell/Perl Scripting, Oracle8i, Apache Server 2.0, Site Minder.