



Sandeep Maditeti
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AWS Engineer||DevOps Automation Engineer||Release Engineer
Software Configuration Engineer• Build & Release Engineer• Linux Administration

SKILLS INVENTORY

- Experience in L1 and L2 Production Support for supporting various on boarding and Configuring Apps to various consumers, at same time engage the app teams to resolve the issues on time.
- Expertise in Release Engineering and applies this to development, execution, and improvement of action plans.
- Wrote deployment Automation scripts for multiple JAVA/J2EE Applications.
- Building and supporting environments consisting Testing, Contingency, Production and Disaster Recovery servers.
- Efficient in working closely with Development, QA, Product and Business owner teams to ensure high quality and timely delivery of builds and releases across multiple platforms & environments.
- Expertise in using build tools like MAVEN for the building of deployable Artifacts such as War & Ear from Source Code.
- Experience in and demonstrated understanding of source control management concepts such as Branching, Merging, Labeling/Tagging and Integration.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum, and Waterfall methodologies.
- Written Shell scripts to automate the deployments to JBoss application Servers.
- Worked on migration from SVN to GIT related to source code migration activities.
- Master in Jenkins for creating the setups and workflow's.
- Worked with different Bug tracking tools like JIRA, Rally, HP Quality Center, Fisheye.
- Experience on Hudson/Jenkins for continuous integration and for the end to end automation for all the builds, deployments
- Worked with Engineer, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
- Extremely worked on Dynatrace and Kibana Dashboard's to perform metrics analytics for performance tuning.
- Expertise in OBIEE10g/11g to create reports and dashboards by using SQL Scripts
- Extensively worked on Jenkins and Cruise Control for continuous integration and for End to End automation for all build and deployments.
- Experience in using Nexus and Artifactory Repository Managers for Maven builds.
- Developed Chef Cookbooks, recipes, roles and data bags to automate the services related to deployment.
- Expert in Dynatrace for tracking the pure paths and Agent Breakdown's for the Agent's and Collector's for the Services related to the Environment's.
- Supported various applications in Java, .Net and Tibco based platform.



- Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting EC2 instances, S3 buckets, Virtual Private Clouds (VPC), Elastic Load Balancers (ELB) and Relational Database Services (RDS).
- Used Debian based Linux servers to install Docker based services, monitor and debug the services.
- Knowledge on Splunk, Kibana and ELK Stack for replay the Logs and Exceptions.
- Experienced in building and maintaining Docker infrastructure for SOA applications in agile environment.

TECHNICAL SKILLS

Operating Systems	RHEL, Ubuntu, Centos, Windows
DevOps Tools	UDeploy, Chef, Docker, Install Shield, Final Builder, Visual Builder, AWS
Networking	TCP/IP, NIS, DNS, DHCP, WAN, SMTP, LAN, FTP/TFTP, TELNET, Firewalls, Load Balancers
Security and Monitoring	Dynatrace, Kibana, Elk Stack, Kafka
Database Servers	Oracle, MySQL
Web/Application Servers	Web Logic, JBoss, Apache Tomcat, IIS
Programming Languages	C, JAVA, Xml, Html, CSS
Virtualization	VMware, Virtual box.
SCM Tools	GIT, Sub Version, Team Foundation Server
Build Tools	Maven, Ant, Cruise Control
ETL Tools	OBIEE
Testing Tools	SoapUI, Hpalm
Scripting Languages	Bash, Ruby, Python

Education

Masters in Computer Science with Distinction
North Western Polytechnic University, Fremont, CA
Completion date: April 2015

Bachelor of Technology (Computer Science) With Distinction
Jawaharlal Nehru Technological University, India
Completion date: April 2013

Achievements

- Certified Sysops Administrator in Amazon Web Services for Cloud Computing Services.
- Attended Technical Sessions at Cloud Bees – Jenkins Platform
- Won Techfesta Award at MST for taking ownership for live app and deployed those apps successfully without any business impact and no outage downtime process.



PROFESSIONAL EXPERIENCE

ESRI, Redlands, CA
Devops Engineer

September 2016 – Present

Responsibilities:

- Created various Setups. Msi and Patches. Msp using Install shield and Visual Build Tools.
- Created the Test Cases and associated virtual ECS Machines related to released builds for major releases and hot fixes.
- Design, Develop and Implement of build files in visual builder to get source code and integrate with dependencies.
- Trigger Events in Team Foundation Server to create batch files to get latest source code.
- Worked on different plug-in management for Jenkins to support ArcGIS Products.
- Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
- Setup and debug hardware related issues for Server builds.
- Created various Slave Nodes and assign them to a master node to work for various activities at one machine in Jenkins.
- Creating the automated build and deployment process for application, re-engineering setup for better user experience and leading up to building a Continuous Integration system for all our products.
- Evolving new tools/methodologies to improve this existing process and show better results to all stakeholders.
- Created setups to call different set of services from install shield like path variables, executables, registry, media.
- Scheduled the jobs in windows scheduler to run every day to get latest dlls and create respective setups and patches in daily builds.
- Move the builds from one machine to other machine for every two weeks to sync with latest source code in ArcGIS Main Build.
- Maintain a Live Like environment to test any production issues on the setup and push it into production.
- Supported release activities and prepared deployment tasks.
- Migrated the build tasks from final builder to visual build pro without any outage.
- Worked on Docker platform to develop, ship, and run applications.
- Built Continuous Integration environment (Jenkins, Nexus) and Continuous delivery.
- Taken the ownership for ongoing applications and maintain them very consistency without any health issues or breakage points.

Environment: Windows, Linux, Jenkins, Docker, Maven, Apache Tomcat, Visual Studio, Team Foundation Server, Cruise Control, Final Builder, Visual Builder, Patch Finder.



Macy's Systems and Technology, John's Creek, GA
Devops Engineer

May 2015 –August 2016

Responsibilities

- Assisted developers in debugging application build deployment and connectivity issues.
- Written shell scripts for end to end build and deployment automation.
- Worked with Nexus repository manager to proxy, collect, and manage the dependencies on the collection of JARs.
- Created Docker container using Docker images to test the application.
- Worked on Docker platform to develop, ship, and run applications.
- Involved in designing and deploying multitude applications utilizing almost all the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling.
- Used Chef for deploying and Provisioning Different Environment's.
- Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using Chef.
- Created continuous integration system using SVN, Git, Jenkins, chef full automation.
- Used Maven as a build tools on java projects for the development of build artifacts on the source code.
- Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for Git and Chef.
- Developed and implemented Software Release Management strategies for various applications according to the agile process.
- Develop and Test Chef Cookbook modifications on cloud instances in AWS and using Test Kitchen and Chef Spec.
- Expert in Dynatrace for tracking the pure paths and Agent Breakdown's for agents.
- Expertise in UDeploy for Deploying to various environment's and control those related dependencies.
- Supported Live Application Attributes(macys.com) with high availability without any outage.
- Created access permissions for checking and checkout for developers and control the access permission based on the developer's role and responsibility.
- Performed S3 buckets creation, policies and on the IAM role based polices and customizing the JSON template.
- Created Jenkins Workflows for pre- deployment process (DB Execution, Environment configuration changes etc.) on both QA and preproduction Environments.
- Coordinated with all the teams before and after the production deployments for the

Environment: Java/J2EE, Oracle, Git, Jenkin's, Maven, UDeploy, Solar - Nexus, Dynatrace, JIRA, Postman, Chef, AWS, HPALM, Unix Script, SQL Script, JBoss, Elk Stack, Linux, Nexus.



AMG Solutions, Hyderabad, India
Build and Release Engineer

January 2013 -November 2013

Job Responsibilities

- Participated in the release cycle of the product which involves environments like Development, QA, UAT and Production
- Solved complex build/deployment processes throughout all phases of the SDLC Ensures that the release has been accepted by all parties
- Participated in an on-call rotation and taken ownership for prod and non-prod issues
- Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
- Assist with maintaining current build systems, developed build scripts, and maintained the source control system
- Managed the source codes repository of multiple development applications using Sub version control tools
- Migrating activities performance reports and dashboards are creates using OBIEE
- Created analytical matrices reports for release services based on JIRA tickets
- Implemented MAVEN builds to automate JAR, WAR and EAR
- Worked with Business Partners, Project Managers to identify the releases dates
- Planning, scheduling and documenting releases at code Freeze Periods
- Responsible for design and maintenance of the Subversion (SVN) Repositories
- Developed build and deployment scripts using MAVEN as build tools in Jenkins to move from one environment to other environments
- Experience in L2 Production Support at time of App Go Live in PROD and Coordination with Offshore Team.
- Responsible for quickly evaluate information, engage and assist developers and communicate issues to help remediate and resolve production issues efficiently.
- Verify the Iapi and Server logs at time of Health Check for the JBoss Servers.
- Documented release, builds and source control processes and plans.
- Developed and implemented Software Release Management strategies for various applications according to the agile process.
- Collaborates with business partners to continuously identify proactive monitoring and health check activities.

Environment: Git, Jenkin's, Maven, UDeploy, Solar - Nexus, Dynatrace, JIRA, HPALM, Unix Script, SQL Script, JBoss, Linux, Nexus, Splunk, Kafka, Service Now.

Interests

- Learning New Programming skills and scripting languages to enhance towards automation.
- Attending Seminars and Conferences to gain Knowledge on latest Technologies.
- Surfing net regarding the cloud based technologies and automation.