**A GANGADHAR KATIKIREDDY**



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A dedicated analyst, proficient in running successful method-oriented operations, aiming for senior level assignments in

**Devops/ Build and Release** in IT industry with an organisation of high repute

* Highly motivated passionate having 4+ years of experience in several phases of the software development life cycle where my main area of expertise & specialized skills is in Build & Release Engineering that includes DevOps, Build Automation & Management, Software Configuration Management, Release management, Continuous Integration and Continuous Delivery.
* A next-gen Build and Release/Devops engineer to help accelerate adoption of scale out technologies within the global hybrid infrastructure. As Build & Release engineer facilitated the rigorous identification and documentation of the DevOps model by participating in a variety of activities to meet the department's and the organization's needs, including gathering information, analysing business needs, coordinating and executing the transition, and ongoing adoption of DevOps
* Currently associated with B2B Tech Solutions India Pvt Ltd as Sr. Devops Engineer
* Sound knowledge in DevOps area covering all the 4 pillars: Build & Release Management, Software Configuration Management, Environment management, and Tools integration.
* Excellent understanding of DevOps methodologies and implemented DevOps practice for Large Scale product development, Software Configuration Management, Build & Release, Infrastructure Management and tools Management.
* Worked with engineering, product management, and operations teams to establish standards and repeatable processes for managing changes in the hosting environments
* Troubleshooting various problems in different stages of development, QA and production using logs files , JVM Count and JDBC connections, log analysers and custom shell scripts to look at the app.
* Created & improved Release processes and documentation to minimize customer impact during changes. Coordinated numerous successful Release &Implementation of code from Engineering to Production.   
  Experienced in web servers and application servers configurations, implementing ITIL, DevOps and Unix Scripting
* A keen communicator with honed interpersonal, problem solving and analytical skills

***CORE COMPETENCIES***

***Software configuration management Build Management Release managementEnvironment Management Application Troubleshooting Middleware***

**TECHNICAL EXPERTISE**

Operating Systems: Windows, Red Hat Linux, UNIX

Database: MYSQL, Oracle

Application Server: Tomcat, WAS 7.0.21

Version Control Tool: SVN, GIT

Continuous Integration Tool: Jenkins

Build Tool: ANT, Maven

Scripting: Shell, Perl

Ticketing Tool: JIRA, Service Desk

Product Development Methodology: Agile

Monitoring Tools: Splunk, Nagios

Cloud Environment: Amazon WebServices

DevOps Tools: Puppet

**ORGANISATIONAL EXPERIENCE**

**B2B Tech Solutions India Pvt Ltd , Hyderabad as Sr Devops Engineer Oct 12 to Till date**

**Key Result Areas:**

* Engaged as DevOps Engineer and performing Software Configuration activities & deployment activities for web-based software applications
* Responsible for the entire build process including the creation of build scripts, smoke test scripts, deployment scripts and keeping them consistent and up-to-date.
* Responsible for maintaining the complete automated build process for producing product releases, patch sets and patches.
* Monitoring and responding to problems reported on dashboard and email including generic build failures, attention to detail/standards for maintaining cohesive source structure, build and packaging scripts.
* Ensuring complete automation for all the builds by integrating build, packaging and deployment in the Build environment.
* Setup a continuous integration environment using Jenkins to assist developers in compiling only the changed code, running junit test cases, deploying on an application server & detailed notification.
* Experienced in designing the build for multi-platform for Linux flavours.
* Administered SVN & GIT version control and executed branching, tagging, backup, restore, and access permissions
* Managed ANT, Maven builds and troubleshoot build issues
* Implemented Nightly Builds using Jenkins including installation of Jenkins, configuration of jobs for automated Build and deployments as well as continuous delivery pipeline using Jenkins
* Deployed code to multiple environments like DEV, CIT, SIT, PERF, Stage, Prod. and upgraded the application as and when released
* Managed AWS instances and performed operations like EC2, ELB, Elastic IP, EBS and cloud watch
* Worked on Puppet for configuration management
* Prepared release schedules, release notes for production implementation
* Created environments for releases right from procuring servers from IT team, installation of Webservers/ Application Servers, Deploy to servers
* Performed troubleshooting any application issues raised by DEV & QA people to make sure that application is always up & running
* Formulated & wrote scripts in Unix, Cron tab scheduling

**ACADEMIC DETAILS**

* MCA from Osmania University, Hyderabad in 2010

**PERSONAL DETAILS**

Date of Birth: 19th July 1987

Languages Known: Telugu, English and Hindi

**(Please see annexure for project details)**

**ANNEXURE**

**Project Title: CAIPERS BENEFITS MANAGEMENT SYSTEM**

**Offshore Team size:** 4

**Technologies:**  J2EE, IBM WAS, SVN, ANT, BMC BladeLogic, Suse Linux

**Duration:** Oct 2012 to Nov 2014

**Project Description:** CAlPERS provides a variety of retirement and health benefit programs and services and administers other programs dedicated to protecting the financial security of its members. We provided a system which integrates different benefits systems of CAlPERS like health benefits, retirement benefits, Death benefits and long term care benefits in a single umbrella. So that all members can access different products offered by CAlPERS in single webpage

Roles:

* Played main role in improving existing CI Build Process, including various tasks like installing required toolsets on a new infrastructure, modifying existing scripts/process
* Overcame all the issues that ran into the set-up and successfully completed the task as well as critical deliverable on time
* Coordinated all activities of the release management process throughout the release life cycle and made required communication within the process
* Executed set-up of SVN Server & GIT on a Linux environment, configured the users with LDAP, created the repository and branching structure for all the applications
* Engaged as SCM Engineer for Java, operated closely with the development teams who manage UI, middleware, back-end code, and provide SVN support for all different code sets across the IG and learnt the architecture of all the applications to help troubleshoot any issues for each applications
* Functioned with the development, support and infrastructure teams to create a comprehensive schedule of all release activities across all environments
* Analysed periodically the hardware & software capacities of build infrastructure and facilitated appropriate recommendation to the Management team for improvements & immediate attention
* Attended daily scrum calls with the remote team to discuss daily status
* Prepared Build, Release and Deployment documents
* Reported to a SCM Manager, who co-ordinated with teams outside of the development group and inform technical details with development leads to execute on the delivery approach to meet multiple concurrent project delivery needs
* Learned the architecture of all the applications to help troubleshoot any issues for each application
* Defined and employed common approach for processes such as build schedules, deployments, release requests, environment outage tracking and resolutions
* Investigated and resolved issues with applications in lower cycle environments to maintain fully functional stable site during testing
* Automated Static Code Analysis tool PMD to the build process to validate the code against the coding guidelines and published the reports
* Increased efficiency and effectiveness of SCM process by continually streamlining processes
* Combined with software configuration team to ensure the correct version of code being deployed into various environments
* Observed the successful deployment of release code into the production environment while exceeded customer standards and promoted the highest level of quality in all technology releases

**Project Title:** AMI Portal

**Offshore Team:** 2

**Technologies:** J2EE, IBM WAS, Shell script, RHEL, AWS, PUPPET

**Duration:** Dec 2014 to Till date.

**Description:** AMI Portal is an initiative to integrate the existing multiple enterprise applications that support the different business functions. The integration will help in seamless flow of information across the systems to fulfill the different business processes. Using this portal a customer who receives the services of AMI will be able to manage Claims, Submit bills, report service issues, access documents related to service, read news and events of AMI, create and answer questionnaires, create and manage users.

**Roles:**

* Installed, Configured & Administered Jenkins over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for AGILE & Production Branches
* Established Unit testing, Static Code Analysis and Dynamic Code Analysis tools as part of CI Build Process with various tools available in the market and functioned with QA engineers to set-up post deployment validation test suite
* Engaged in configuring and set-up of Subversion Multisite to support distributed location Dev teams and resolved lot of end user problems
* Implemented continuous delivery systems and methodologies on AWS
* Designed CM process and policies with approval from development and other affected teams
* Planning of the Roll-Out Process and order of sequence involved for day-to-day Enterprise j2EE software packages for development, testing & system integration testing and ultimately production environments
* Administered related tasks like App Server and JAVA Installation (different versions based on requirement) Instance Management, Variety of Cluster Management, JMS Configuration and Management
* Performed Smoke/Sanity tests for the applications deployed and also troubleshoot of the application for the issues that arise as part of smoke test process
* Worked on AWS components like EC2, ELB, Elastic IP, Cloudwatch, Autoscaling, EBS
* Managed Infrastructure, automated Java application deployments & Automating Environment provision using Puppet as well as its installation and configuration of Puppet servers, puppet nodes
* Adhered to all the Build & Deployment related activities from offshore locations are executed also ensured that emergency production fixes were propagated without any hiccups
* Gained significant experience in Subversion, GIT maintenance/administration, in multi-site development environment

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