Kamasala Sreekar EMAIL: **kamasalasreekar@gmail.com**

ROLE: DevOps Engineer MOBILE: +91**9394537102**

PROFILE SUMMARY

* Over 3+ years of experience as a Linux administrator and DevOps Engineer in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.
* Experience in Administration of source control management systems, such as GIT.
* Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
* Extensive experience using MAVEN as build tool for the building of deployable artifacts from source code.
* Experience in Bug/Issue tracking tool like JIRA.
* Good Experience in writing shell scripts and YAML to automate the several activities.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, and Waterfall methodologies.
* Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing, implementing and Post-production analysis of the projects.
* Expert in deploying the code through web application servers Web Sphere/Web Logic/ Apache Tomcat.
* Experienced in deploying Database Changes to IBM DB2, MS SQL Server and MY SQL databases.
* Expertise in trouble shooting the problems generated while building, deploying to production.
* Amazon Web Services (knowledge in AWS services like EC2, S3, VPC, IAM and Cloud Watch)
* Ability in deploying the developed code in a Web Sphere ND, Web Logic and Apache Tomcat.
* Administration of Production, Development and Test environment's carrying Windows, Red Hat Linux, Centos and Solaris servers.
* Experience in and demonstrated understanding of source control management concepts such as Branching, Merging, Labeling/Tagging and Integration.
* Efficiently used Project Management Atlassian Tools. (JIRA, confluence, Stash, Source Tree)
* Experience with Rational Tools like Rational Clear Case for Version Control, Rational Clear Quest for Change Request and Defect Management.
* 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.
* Experience in software methodologies like Waterfall model, Agile Methodology, Scrum, XP, and TDD. Successful in working with teams for high quality deliverables.
* Excellent Knowledge of Application Lifecycle Management, Change & Release Management and ITIL process.
* Hands-on experience creating and managing the various development and build platforms, and deployment strategies.
* Excellent communicative, interpersonal and leadership skills with ability to work efficiently in both independent and team work environments.

**EDUCATION:**

* **Bachelor of Technology : Electronics and Communication Engineering**

Jawaharlal Nehru Technological University, Hyderabad

**TECHNICAL SKILLS:**

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| Versioning Tools | Subversion, GIT, Perforce. |
| Cl Tools | Hudson, Jenkins, Bamboo. |
| Build Tools | ANT, MAVEN |
| Operating System | Windows2000/2003/2008/2012, RHEL and CentOS. |
| Bug Tracking& Testing Tools | JIRA, Junit and Selenium. |
| SDLC | Agile, Scrum andWaterfall Methodologies |
| Languages | SQL, .NET and Java/J2EE. |
| Scripts | Shell Script, ANT Script, Bash Script. |
| Cloud | AWS. |
| Web/App servers | Web logic, Web Sphere, Apache Tomcat. |
| RDBMS | Oracle, SQL SERVER, MY SQL. |
| Configuration Management | Puppet and Ansible. |

**Experience Summary:**

**Working as Software Engineer in GEN ONE INFOSOLUTIONS PVT LTD from MAY-2013 to Till Date.**

**PROJECT/CLIENT**: **BNP PARIBAS**.

**Role Played**: DevOps / Configuration Management.

**Duration:JAN-2015 to Till Date.**

Responsibilities:

* Manage and configure AWS services as per the business needs (ELB, SES, EC2, S3, RDS, Cloud Watch, Cloud Front IAM, and VPC.
* Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious ip/subnet via ACL.
* Creating snapshots, AMIs, Elastic IPs and managing EBS volumes
* Creating/Managing AMI, Snapshots, Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Worked on Puppet master agent model for provisioning of server’s windows and Linux.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
* Involved in Code migration activities from CVS to Mercurial and Subversion to GIT.
* Worked GIT Bit bucket repository setup and branching and Merging strategies.
* Setting up the build and deployment automation for Java base project by using JENKINS and Maven
* Responsible for creating and deploying builds on various Web logic environments, testing in build environment and release to test team on scheduled time.
* Creating builds using power shell Scripts, ANT/Maven scripts manually and automated.
* Troubleshooting deployment and installation issues.
* Automated the Build Process using Jenkins.
* Handling complete Build and Release process including code, documentation and supporting testing team along with the server Administration
* Work with QA to facilitate verification of releases. Running multiple builds at a time.
* Managing Daily Builds, Weekly Builds, Nightly Builds and Builds on fortnight basis.
* Managed and Administered Web logic 8 and 10.3 Environments.
* SVN administration like give access for branches and SVN repositories.
* Creating SVN repositories and give access rights to the authorized developers.
* Assist clients for application code migrations (for lower and higher environments) and Environment related issues.
* Ensure servers and environments are available for developments and testing validation is meeting the expectation.
* Responsible for managing and creating different environments for PI Line of Business.
* Make sure the configuration, version and systems are working fine.
* Assist Clients and teammates to understand issues and help/coordinate with multiple teams to resolve issues and make the environment stable.

**Project / Client**:GE-AVIATION.

**Location**: Bangalore.

**Duration:**May-2013-Dec-2014.

**Role:Build and Release Engineer**.

**Description:**GE Aviation is a division within the General Electric Company -- alongside the likes of Pratt & Whitney and Rolls-Royce --as one of the world's largest providers of jet engines and services for commercial and military aircraft. A business segment of GE, GE Aviation produces large and small jet, turboprop, and turbo shaft engines. It also offers replacement parts and maintenance, repair, and overhaul (MRO) services. Some engines are produced and marketed through CFM International and Engine Alliance (jointly owned by GE and Pratt & Whitney. Newer engines are also being designed and marketed in joint ventures with Rolls-Royce and Honda Aero. GE Aviation operates globally.

Contributions:

* Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
* Implementation of new build and deploy tools & Process to make smooth pipeline transition from Dev to Production.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Implemented continuous integration using Jenkins.
* Involved in git repository setup, branching and authentication activities.
* Created repositories according the structure required with branches, tags and trunks.
* Analyzed and resolved conflicts related to merging of source code for SVN.
* Attended sprint planning sessions and daily sprint stand-up meetings.
* Created jobs for tagging and branching.
* Configured application servers (Tomcat) to deploy the code.
* Created and configured multiple instances on Tomcat Server for different teams.
* Configured Tomcat application server for hosting web apps.
* Configured plug-ins for the integration tool to the version control tool.
* For check in process used Tortoise SVN as a CM tool.
* Utilize Jira for issue reporting, status, and activity planning.
* Educate and mentor the engineering team on the organization’s build systems and processes.
* Extensively used Maven tool to do the builds, integrated Maven to Eclipse.
* Integrated Maven with Jenkins and nexus for the builds as the Continuous Integration process.
* Build Java code in different Jenkins servers as per the schedule.
* When required applied patches as per the release process.
* Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
* For on boarding existing application, performing Knowledge transition from Development team to SCM team on build and deployment process.
* For New applications, work with development team to get the requirements of application build and deployment process.
* Once the process KT is complete from development team, write build and deployment scripts according to SCM team standards and processes to QA, IST, and UAT Environment.
* After completing of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build calendar.
* Create and maintain scripts for automating common activities.
* Good experience in automating the deployment using shell scripting to Linux environments.
* Artifacts maintenance using Nexus.
* Conducting or supporting the deployment of software releases into development and test environments, troubleshooting release package, and deployment procedure or environment configuration issues.
* Prepared and Maintained Build, Release and Deployment documents.