**Shiva Kumar B**

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**Seeking challenging assignments roles in DEVOPS, GCP, AWS, CI&CD & LINUX, Systems Administration and Kubernetes with the organization of repute.**

**Professional Summary:**

* Highly motivated passionate having 4.6 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.**
* Extensively worked on **Hudson/Jenkins** for continuous integration and for End to End manual and automation deployments.
* Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services,GCP, Maven, Jenkins, Ansible ,GitHub, Tomcat, Web Sphere& Linux etc.
* Developed build and deployment scripts using **MAVEN** as build tools in Jenkins to move from one environment to other environments.
* Worked with version/source management tools like **GIT.**
* Experience in implementing **Continuous Integration** and deployment using various CI Tools like **Jenkins** & configuration management tools like **ANSIBLE**.
* Expertise in creating Devops strategy in mix environments of Linux (**RHEL,CENTOS** ) along with **AWS and GCP** .Experience in configuration management tool Ansible for automatic configuration management /deployment integrated with Jenkins.
* Responsible for Continuous Integration (**CI**) and Continuous Delivery (**CD**) process implementation-using Jenkins along with Shell scripts to automate routine jobs.
* Closely worked with developers, project managers and product owners to setup the road map, and supported day to day build issues.
* Responsible for defining **branching & merging** strategy, check-in policies, improving code quality, automated Gated Check-ins, defining backup and archival plans.
* **Troubleshoot and resolve** build failures due to infrastructure issues. Setup and executed process to code review system effectively.
* Managed environments **DEV, QA, UAT, STAG and PROD** for various releases and designed instance strategies.
* Responsible for the design and development of builds, scripts, installation procedures, and systems including source code control and issue tracking.
* Monitoring tools **Nagios** and also experience in micro services like **DOCKER**.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP. Utilized kubernetes and docker for the runtime environment of the CI/CD system to build,test deploy.
* Experience in working in **Agile Methodology** (SCRUM).
* Experienced in deploying **EAR, JAR**, and **WAR** in **Tomcat, JBoss** Application Servers in Linux/Windows Enviroments,
* Experience in **SONATYPE NEXUS**
* A keen communicator with honed interpersonal, problem solving and analytical skills.

**Academic Details:**

* + Completed Bachelor of Technology (**B-Tech**) from JNTUA in year 2016, India

**Certifications:**

**Certified Kubernetes Administrator** (CKA-2000-008009-0100)

**Skill Set:**

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| --- | --- |
| **Operating Systems** | Windows, Red Hat Linux, UNIX |
| **Database** | MySQL , REDIS |
| **Application Server** | Tomcat |
| **Backup Tool** | Sonatype Nexus |
| **Configuration management tool** | Ansible |
| **Version Control Tool** | GIT |
| **Bug Tracking Tool** | Service now |
| **Continuous Integration Tool** | Jenkins |
| **Web server** | Apache |
| **Container Management/HA Tool** | Kubernetes and Docker |
| **Code Review Tool** | Sonar Qube |
| **Build Tool** | Maven |
| **Scripting** | Python, Shell |
| **Process** | Agile (Scrum Team) |
| **Monitoring Tools** | Nagios |
| **Cloud Environment** | AWS and GCP |

**Professional Experience:**

* + Working as DevOps and Solution Engineer in  **Cloud Ensembler** from **December 2019** to

**Mar 2021**

* + Worked as Senior Software Engineer in **Datamatic Global Services** , from **June 2016** to

**December 2019**.

**Projects:**

**#Project 4:**

**Client : PNB Met life India insurance Co.Ltd Dec 2019 – Mar 2021**

Environment : GIT, Maven, Nexus, Kubernetes , Python, Redis,GCP/AWS, YAML, Ansible, Tomcat.

Domain : Insurance

Role : DevOps and Solution Engineer

Team Size : 05

**Project Description**: PNB Met Life Insurance, among the trusted Life Insurance companies in India, aims to provide a wide range of Life Insurance products that suits the needs of an individual at every stage of his life. Life Insurance Plans range from Term Life Insurance Plans, Term Plan, Protection Plans, Long Term Savings Plans , Retirement Plans & Child Education Plan

**Responsibilities:**

* Responsible for Software Configuration Management, Installing Software and maintaining the Cluster.
* Managing and Administrating GIT tools includes creating Branches, Tagging and Access
* Supporting Jenkins in a pre-production and production environment.
* Maintaining and troubleshooting in REDIS.
* Upgraded Redis database and cluster from one version to other.
* Creating Docker file, containers.
* Working with YAML files for creating manifests
* Deploying Kubernetes Production Grade Kubernetes Cluster with on AWS with KOPS
* Deploying, Managing & Troubleshooting PODs
* Configuring Labels & Annotations at Node & PODs
* Creating and Maintaining the Kubernetes Cluster.
* Deploying in kubernetes with Jenkins.

**#Project 3:**

**Client : Credit Suisse August 2018 – December 2019**

Project : Credit E-Trading

Environment : Git, Github, Maven, Jenkins, GCP, Ansible, Nexus, Sonarqube, Jira, Docker, Kubernetes , Linux, Tomcat, RDS SQL

Role : DevOps Engineer

Team Size : 04

**Project Description**: E-Trading is the method of trading securities (such as stocks, and bonds), foreign exchange derivatives electronically. Information technology is used to bring together buyers and sellers through an electronic trading platform and network to create virtual market places. )

**Responsibilities:**

* Working with version control systems such GIT including branching and merging strategies.
* Troubleshooting the daily Subversion problems.
* Create artifacts like using build tools ant and Maven
* Configuring builds via build process using Maven, Jenkins.
* Configure continuous integration pipeline using DevOps strategies and DevOps tools.
* Configuring software to Linux machines.
* Automated software deployment using Ansible and provisioned Linux hosts.
* Administer code review tools like Fish eye.
* Supporting automotive builds to both windows and Linux machines.
* Setting up new projects/releases in Jenkins.
* Make sure software teams are delivering their products by following safe-agile methodologies.
* Monitor and manage Continuous Integration/Continuous Deployment, nightly and release builds using Maven, Jenkins.
* Resolving ad-hock issues in day to day basis as per SLA’s.
* Creating Users and checking Code Quality of the Application using SonarQube.
* Maintaining all the generated war files with version format in Nexus Repository.
* Provided daily technical support to all development teams throughout all phases of the software development lifecycle and identified & mitigated potential issues & obstacles prior to products being deployed onto live client systems.
* Used Jira as bug tracking/issue management tool.
* Wrote deployment scripts using shell.
* Designed a web page to monitor the builds and publish reports using HTML, XHTML and CSS.
* Installing and configuring application servers for deploying artifacts as per project requirements.
* Deploying the Ears, JAVA Wars and Jars appropriately and setting up the Apache Tomcat,jboss instances
* Integrate Unit Testing, Code Coverage and Deployment tools with Jenkins and Maven.
* Deploying artifacts to environments Dev/Test/Stage/Production using HP release service tools. (HP Portfolio Management Workbench)
* Extensive knowledge in troubleshooting builds, deployment, configuration problems in development, QA and production environments.
* Utilized kubernetes and docker for the runtime environment of the CI/CD system to build, test and deploy.

**#Project :2**

**Client/Product : ABB UK October 2017 – July 2018**

Project : IIoT

Environment : GIT, Ansible , Maven, Jenkins, Red Hat Linux, Apache Tomcat, Oracle.

Role : Devops Engineer

Team Size : 12

**Project Description**: This project is The Client is developed the project on the LOB of IIOT and we are maintain the Cloud platform on the Amazon Web Servics (AWS). The project has communicating with the different type pf electric devices and getting the data through the sensors which developed in the different technologies like, java and C#. We processing the data through customer register portal and Admin portal then sending the data to the cloud then process the data and loading into Hbase and for customer alerts developed the Read API

**Responsibilities:**

* Customize deployment process using Linux shell to automate the overall deployment process
* Managing and Administrating GIT tools includes creating Branches, Tagging and Access
* Coordinating with developers and testers for SVN and GIT Related issues
* Responsible for maintaining GIT and troubleshooting the daily issues.
* Supporting Onsite deployment at onsite from off-shore
* Writing scripting in MAVEN from scratch
* Involved in editing the existing MAVEN files in case of errors or changes in the project requirements.
* Worked on MAVEN to automate the build process and wrote shell script to automate deployment process.
* Involved in setup of CI tool Jenkins, Nightly builds
* Automate the build process using, GIT, and Maven, Jenkins, Ansible.
* Developing and maintaining build files by using MAVEN, Shell script.
* Responsible for creating the new projects & new build setup using Jenkins
* Responsible for the deployment on Linux for Dev/ QA, staging, productions environment
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Prepare build report monthly /yearly basis
* Deploying the Ears, JAVA Wars and Jars appropriately and setting up the Apache Tomcat,jboss instances
* Trouble shooting and resolved issues in DEV /Test Environment
* Participate in SCRUM meetings every day.

**#Project 1:**

**Client : HERBALIFE June 2016 – Aug 2017**

Environment : JDK 1.7, Git ,GitHub, Bit Bucket,Windows,Web logic,Tomcat servers.

Domain : Health care

Role : Build and Release Engineer

Team Size : 09

**Project Description**: Herbalife International is a global [multi-level marketing](https://en.wikipedia.org/wiki/Multi-level_marketing) corporation that develops, markets and sells nutrition supplements, weight management, sports nutrition and personal-care products.In this project we used GIT as an scm tool and MAVEN as an build tool and we github as our remote repository.

**Responsibilities:**

* Working as Admin in GIT.
* Create repository using Git.
* Resolve the merge conflicts in Git.
* To take the request for pull.
* Cloning the repository by using github.
* Hans on experience in github.
* Give the permission to the teams using github.
* Verify day to day log files and resolve issues.
* Good experience in distributed vcs system like Git.
* Good Experience in Resolving Git conflicts.
* Need to a Provide a branch access and repository access to users.
* As a Scm admin creating groups users projects verifying audit logs.
* Good Experience on day to day Stash Backup.
* Involving Branching and merging operations.
* Need to create tag for every releases.
* Perform deployments through application server in Weblogic.
* Deployed various artifacts like WAR, EAR into Application server automatically.
* Project involved the usage of maintaining repository and version controlling.
* Utilize Service Snow for issue reporting, status and activity planning.
* Participated in all phases of Build and Release activities.
* Daily Meeting and maintaining up to date information on environments.
* Involved in the creation of jar, war files and deployed the same in Weblogic and Tomcat Application Servers.
* Communicating with developers for build plan and build failures.
* Active participation in Build and release process.
* Working closely with Dev & QA teams to ensure high quality and timely delivery of code.
* Creating War files using Ant Script.
* Performing deployments to multiple environments like Dev, QA, UAT & Production environments.