KIRAN SS

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**CAREER OBJECTIVE:**

Seeking a challenging and rewarding opportunity with an organization of repute which recognizes and utilizes my true potential while nurturing analytical and technical skills



**PROFESSIONAL SUMMARY:**

* Experienced and innovative **Build and Release Engineer** with 5 **years** expertise in software configuration & release management, building & deploying software, process creation, automation & control & environment management activities in Web Based Application
* Taking care of the administration tasks like projects and user creation and restricting the permissions.
* Maintained SVN repositories for DevOps environment: automation code and configuration.
* Developed an effective build automation, continuous integration and test environment that reduced integration issues and improved code quality.
* Build and maintain Highly Available secure multi-zone in Jenkins for continuous integration.
* Constructed various Jenkins jobs from building jobs in Maven to smoke testing. The constructed jobs also send notifications for success and failure of jobs.
* Regular builds, monitoring Cron jobs and reporting status.
* Setting up and maintaining automated build scripts in Jenkins.
* Working with development team on enforcing source control strategies, building, packaging and deployment of products.
* Debugging build failures, coordinating with developers and testers to resolve related issues.
* Maintain Jenkins continuous integration infrastructure and automated releases to DEV/TEST/STG/PROD environments.
* Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Installing Dockers and creating images by using Dockers file.
* Creating and Managing Containers by using Dockers image.
* Uploading and downloading Dockers images from Dockers hub/Registry.
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Assigned Roles and Policies to Users, Security Groups by using Identity and Access Management (IAM).
* Experience in designing and deploying AWS Solutions using EC2, S3, EBS, Elastic Load balancer (ELB).
* Have knowledge on wix release tool



**PROFESSIONAL EXPERIENCE:**

* 9 month worked as **Business Analyst** for **Mangalore University Web Portal** under the payroll of **Q-Ventures Private Ltd.** to handling the client requirement and Web portal.
* 10 month worked for **Bangalore University Portal** for handling the education domain project like Admission, Examination Registration and result Process (writing the SQL quires and writing the SQL procedures Mark Card Generation. Process the result of and Generating mark card creating the admission portal and creating examination registration portal for every semester.
* Worked for **CISCO APIC-EM SDN project** as a DevOps Engineer (Build and release Engineer) under the payroll of **Attris Technologies Pvt. Ltd**. Having good knowledge in CI/CD workflow. Having been a part of Build and release team for 12 Months in CISCO. Also supporting Tools team as part of Pre-commit activity.
* 12 months worked as a***DevOps*** (Software Configure Management) engineer for **Ericsson SSR Router images** under the payroll of **Attris Technologies Pvt. Ltd**. Here worked on Continues integration system “Jenkins” and Versioning systems “Git & Gerrit “. And here I have written Jenkins jobs backend scripts in python scripts
* Working as a Build and Release Engineer at **Inspirisys Solution Private Limited** from Jan 2019 to present



**ACADEMIC DETAILS:**

* **B.Tech ( Computer Science** and **Engineering)** from **Maharaja Institute of Technology, Mysore** – **2014**

**SOFTWARE PROFICIENCY:**

* Source Control Management : Subversion (SVN), GIT,GITHUB
* Continuous Integration Tool : Jenkins
* Configure Management Tool : Puppet
* Build tools : MSBuild
* Operating System : Unix/Linux, Windows
* Virtualization : Docker
* Cloud Services : AWS
* Scripting Languages : Python, PowerShell



**Project: Karnak:**

* Client **: Hewlett Packard (HP)**
* Environment **: SVN, MS Build, PowerShell, Jenkins, Nexus, python,  
   Docker**
* Operating System **: Windows and Mac**

**Project: Description**

Karnak is a printer instantiation project to automate the building and releasing of installers (web packs and ISO images) for HP products like printers and scanners. The project is responsible for instantiation of products, building the products, creating release packages and deploying it to Nexus and FXS servers

**Responsibilities:**

* Creating the instantiation files according to the user requirement
* Created Jenkins jobs for building and releasing various devices in the different Karnak programs.
* Test the web packs and ISO images in different OS to verify printer installation.
* Created Docker images ghost OS in the Linux environment.
* Created batch, PowerShell and python scripts for automating the release process.
* Also implemented the MS Build projects to create the final release in the correct folder structure format.
* Engaged in continuously fixing the CRs raised by HP through ALM.
* Monitoring of Environments, Maintenance & Housekeeping
* Debugging & Troubleshooting day to day issues on environments
* Build Monitoring
* Support upstream/downstream components of Test Environments
* Installed, Configured and Managed Puppet Master and Puppet Agent.
* Created puppet manifests, profiles and roles module to automate system operations.
* Well versed with creation of puppet profiles and role modules.
* Wrote Puppet modules for installing and managing Java versions and managing persistent SSH tunnels.
* Implemented puppet modules to automate the installation and configuration for a broad range of services.
* Utilize Puppet for configuration management of hosted Instances within AWS.



**Project: Cisco's APIC-EM DNA Automation (12 months):**

* Client **: Cisco Systems Inc. (APIC-EM , DNA Automation)**
* Environment **: POSTMAN tool, Jira, Jenkins, Git and Gerit. Python**

**scripts in trigger jobs in Jenkins.**

* Operating System**: Windows**

**Project: Description**

The Cisco ® Application Policy Infrastructure Controller - Enterprise Module (APIC-EM) is our software-defined networking (SDN) controller for enterprise networks (in the campus or branch and the WAN). It delivers an elastic platform for policy-based automation that simplifies and abstracts the network.

**Responsibilities:**

* Creating Jenkins jobs by integrating SVN
* Build Continuous Integration solutions using Jenkins
* All the Scripts and backend libraries are implemented in python language
* All the Test cases developed under Cisco proprietary framework with good validation
* Configuration and creating the testbed using APIC-EM GUI
* Working for UI Automation using only CSS selectors
* Conduct Build & Deploy using continuous Integration tools
* Work closely with QA & Dev teams to resolve issues.
* Automate manual tasks



**Project: ERICSSON SSR Routers**

* Client **: Ericsson Inc. (SSR Routers)**
* Environment **: JIRA, Jenkins, Git and Gerit. Python scripts in trigger jobs**

**in Jenkins**

* Operating System. **: Ubuntu**

**Project: Description**

Software Configure management.

**Responsibilities:**

* Build Continuous Integration solutions using Jenkins
* Conduct Build & Deploy using continuous Integration tools
* Work closely with QA & Dev teams to resolve issues.
* Automate manual tasks
* Monitoring of Environments, Maintenance & Housekeeping
* Debugging & Troubleshooting day to day issues on environments
* Support upstream/downstream components of Test Environments

**Project: BANGALORE UNIVERSITY**

* Client **: BANGALORE UNIVERSITY PORTAL**
* Environment **: JIRA, MS SQL Server, Git and Gerit. Python scripts**
* Operating System**: Windows**

**Project: Description**

Handling the education domain project like Admission, Examination Registration and result Process (writing the SQL quires and writing the SQL procedures Mark Card Generation. Process the result of and Generating mark card creating the admission portal and creating examination registration portal for every semester.

**Responsibilities:**

* Creating Jenkins jobs by integrating SVN
* Build Continuous Integration solutions using Jenkins
* All the Scripts and backend libraries are implemented in python language
* All the Test cases developed under Cisco proprietary framework with good validation
* Configuration and creating the testbed using APIC-EM GUI
* Working for UI Automation using only CSS selectors
* Conduct Build & Deploy using continuous Integration tools
* Work closely with QA & Dev teams to resolve issues.
* Automate manual tasks



**Project: MANGALORE UNIVERSITY**

* Client **: MANGALORE UNIVERSITY WEB PORTAL**
* Environment  **: Drupal ,HTML, CSS, MS SQL Server**
* Operating System. **: Windows**

**Project: Description**

Handling the client requirement and update modification on the website contents also handling the backend and frontend of the web portal.



**Personal information:**

* Father Name : Shivanna D
* Date of Birth. : 26-07-1990
* Marital Status : Married
* Nationality : Indian
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* Email id : [kiranssgowda333@gmail.com](mailto:kiranssgowda333@gmail.com)



**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

**Place:** Mysore  **Regards** (Kiran SS)