**CONTRACTOR TECHNICAL SKILL CHECKLIST**

CONTRACTOR/FIRM NAME: **CRM America Inc**

JOB TITLE: **Dev Ops Engineer**

PROPOSED CONSULTANT NAME: **Dileep Kumar Linga**

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| --- | --- | --- | --- |
| Technical Skill/Expertise | Actual # of Years Experience | Dates of  Employment | Where Employed |
| Experience writing code in a modern development language (C#, Python, Ruby, Java, etc.). | 6 years | 2013 - 2019 | FactSet Systems, AT&T, Tiffany |
| Experience using Version Control Tools such as SVN | 6 years | 2013 - 2019 | FactSet Systems, AT&T, Tiffany |
| Experience with MAVEN CI Tools such as Jenkins | 6 years | 2013 - 2019 | FactSet Systems, AT&T, Tiffany |
| Experience with AWS stack (Compute, Storage, Database, Network, Management, IAM, EMR. | 6 years | 2013 - 2019 | FactSet Systems, AT&T, Tiffany |

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| --- | --- | --- | --- |
| Non-Technical Skill/Expertise | Actual # of Years Experience | Dates of Employment | Where Employed |
|  |  |  |  |

**REFERENCES:**

Name : Manoj marneni

Designation: DBA Architect, ATT Labs

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Name: Dilip Kumar pampana

Designation: Developer

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**Professional Summary:**

* Around **7** Years of experience in IT industry as **DevOps/ Agile operator**, **Linux Administrator**, **Build/Release Management**, **Change/Incident Management** and **Cloud Management**.
* Strong expertise on **DevOps** concepts like **Continuous Integration** (CI), **Continuous delivery** (CD) and **Infrastructure as Code**, **Cloud Computing** etc
* Experience in writing chef cookbooks and recipes to automate middleware installations, domain creations and deployment activities.
* Worked on **AWS** Cloud platform and its features which includes **EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud**
* Worked with automation tools like **Hudson, Jenkins** and **Build Forge** to implement the End-to- End Automation.
* Experience working on **Docker hub, creating Docker images and handling multiple containers as a cluster with Docker Swarm, Weave and Compose** for various applications written in **Node.Js** and several micro services.
* Implemented and supported CI/CD process via **Jenkins** and **Bamboo** for several java applications including setting up pipeline jobs and downstream job configurations in Jenkins.
* Extensive working knowledge on automation for deployment/ configuration of different Application servers like**Web Sphere, Web Logic, JBoss, IIS** and Web Servers like and **Apache, Tomcat** and Web Containers like **Nginx** etc.
* Maintained continuous build automation, implemented with **Maven and Ant scripts** run within **Hudson/Jenkins** and **Bamboo**. Experience in scheduling jobs using **Ansible Tower**.Involved in migration of **Bamboo** server, **Artifactory** &**GIT** servers. Built alert & monitoring scripts for applications & servers using **Python**&**Shell** Script.

**Languages and Tools:**

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| --- | --- |
| **Scripting Languages** | Shell, Ruby and Python |
| **Configuration Management** | Chef, Puppet, Ansible |
| **Source control tools** | Git, Perforce, SVN,TFS |
| **Cloud Technologies** | Mainly AWS, Open Stack, GCE,Docker,Kubarnates |
| **Build Tools** | Ant, Maven, Gradle |
| **Continuous Integration tools** | Jenkins, Bamboo, Team City |
| **Repository management** | Nexus, Artifactory |
| **Monitoring tools** | Sonar, Splunk, Nagios, Zabbix, New Relic |
| **Testing tools** | JUnit, Cucumber, Sauce Labs |
| **Bug reporting tools** | Jira, Bugzilla |
| **Packaging Tools** | RPM, Zip,War,Yum, pip, gem |
| **Operating Systems** | Windows and Linux(RHEL/Centos/Ubuntu) |
| **Databases** | Postgres SQL, MySQL, Oracle, Cassandra, Redis |
| **Change Management** | Service Now, JIRA, Remedy |

**AT&T Labs,Middletown NJ, Sep 2017 to till Date**

**Role: Sr. DevOps/Infra Engineer**

**Project 1 Responsibilities:**

* As DevOps Engineer, I am responsible for day-to-day **build** and **deployment** into **QA** and **pre-prod** environments.
* Configured Git, build scripts using **ANT** and **MAVEN** build tools with **Jenkins** and schedule jobs using **POLL SCM** option and integrated to automate the code checkout process.
* Creation of **SSL** and **Digital Certificates** for requesting, generating and implementation for the communication between clients and web servers.
* Developed **CI/CD** system with Jenkins on **Kubernetes** container environment, utilizing **Kubernetes** and **Docker** for the runtime environment for the **CI/CD** system to **build**, **test** and **deploy**.
* Utilized Configuration Management Tool **Chef**and created **Chef Cookbooks** using recipes to automate system operations. Server automation with Chef and used tools like **Maven** for deployment and build management.
* Worked on installation of **Docker**using **Docker toolbox** and creating the **Docker containers**, **Docker consoles** and **Docker container images** for managing the application life cycle by tagging and pushing the images.
* Managed **Kubernetes**charts using **Helm**. Created reproducible builds of the **Kubernetes** applications, managed **Kubernetes** manifest files and managed releases of **Helm packages**  
  Wrote many **KubernetesYAML** files to create many services like **pods**, **deployments**, **autoscaling**.
* Installed, Configured and Managed **Docker Containers**, **Docker Images** for Web Servers and Applications servers such as **Apache**, T**omcat** using **Docker** and integrated with **MySQL** database.
* Involved in Installing, Configuring and Managing **MySQL** databases, **Tomcat**, **JBOSS**, **WebLogic** and **WebSphere** Application servers for deployments.
* Responsible for the building and deploying the artifacts into **DEV**, **IST**, **E2E** and **PROD** Environments.
* Developed Build and Deployment Scripts using build tools **Maven** in **Jenkins** to migrate from one environment to another environment.
* Worked on **Nexus** for deploying Artifacts and Bug Tracking Tools like **Remedy, JIRA** in tracking the issues, workflows, pulling reports from dashboard.
* Setup Continuous Integration environment using Jenkins for building jobs and to push the Artifacts into **Nexus** repository on successful builds.
* Prepare the release plans for productions deployment and coordinate with all supporting teams to move all kinds of changes to production environment.

**Environment:** SVN, GIT,BitBucket,Chef,Ansible,ANT,Maven,Jenkins,ApacheTomcat,Jboss,ShellScript,Yaml,Unix/Linux,Ruby,Oracle,MySQL,Weblogic,Websphere,JbossJira,Remedy,nexus,Docker,Kubarnates.

**AT&T Labs Middletown NJ, Nov 2016 to Aug 2017, Role: Sr.DevOps Engineer**

**Project 2 Responsibilities:**

* Involved in gathering the client requirements, creating the client servers (**Ubuntu**, **RHEL**, **windows**) hosted in **cloud**, configuring, and maintaining the launched instances with respect to specific applications, solving the issues raised with the instances.
* Involved in designing and deploying 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 in AWS Cloud formation.
* Configure and launch **AWS EC2** instances as per requirement, Select and setup **AWS** in most cost-effective way, Created AWS **Route53** to route traffic between different regions.
* Automated **CI**/**CD** process using **Jenkins**, build-pipeline-plugin, maven, GIT.
* Developed build and deployment scripts using **MAVEN** as build tool and automated the build and deploy processes using **Jenkins** to move from one environment to other environments.
* Managed **Maven project** dependencies by creating parent-child relationships between projects.
* Managed **Ubuntu, RHEL**(Linux) and Windows virtual servers on **AWSEC2** using **ANSIBLE**, involved in writing an **ANSIBLE playbook** from scratch to upgrade these servers one at a time in serial to reduce downtime of running sites.

**Environment**: AWS, EC2, EBS, ELB, AMI, VPC, auto scaling, VMware, S3, Route53, SNS, Ubuntu, RHEL, Windows, GIT, Docker, ANSIBLE, python, Jira, SonarQube, Jenkins Job Builder, GIT hub, Jenkins, JAVA/J2EE applications.

**Tiffany& Co, Parsippany, NJ,Role: DevOps/Cloud Engineer Jan 2015 to Oct 2016**

**Environment:** SVN, GIT,GIT Stash, Puppet,Ansible,Ansible Tower ,Apache ANT, Maven, Jenkins, Apache Tomcat, Shell Script, Unix/Linux, Windows, JBoss, Web Sphere, Ruby, chef, ActiveMQ, Oracle, Nexus, AWS Services.

**FactSet Systems Pvt Ltd, Hyderabad, India**

**Role: Build and Release Engineer May 2013 - Dec 2014**

**Environment:** GIT, Jenkins, Java/J2EE, ANT, MAVEN, JIRA,TeamCity, LINUX, XML, Windows XP, Windows Server 2003, Web logic, MY SQL, Perl Scripts, Shell scripts.

**Citrix Systems Hyderabad, India**

**Role: Linux/Build and release EngineerJun 2012 - Apr 2013**

**Environment:**Red Hat**,** Ant, Java, Maven, Jenkins, Linux, Solaris, Shell scripting, Apache Tomcat, Nexus.