**Rajesh p **

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**Objective:**

Seeking for a contract job in Devops/Build Engineer.

**Certifications:**

* aws certified developer associate level.
* Docker Deep Dive from linuxacademy**.**

**Summary:**

* Over 3+ year of diversified experience in Linux administration, build and Release, Devops Tools, Cloud Computing, Networking**.**
* Hands on experience on virtualization technologies, containers and cloud environment.
* Wrote custom Vagrant scripts to automate building of VM environments.
* Good knowledge on docker container technology.
* Good knowledge on creatingAMI (Amazon machine images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling. That Auto Scaling fired up new resources those will by default bootstrapped with the Chef-Server.
* Excelled in managing Repository managers like Nexus and Artifactory.
* Good understand of Knife, Chef Bootstrap process and also creating Roles, Environments, Data Bags in chefcookbooksand upload it to the chef server.
* Having good experience in Managing **Cloud computing AWS** components like EC2, AMI, volumes, snapshots, S3, ELB, auto scaling, cloud watch, CloudTrail, CloudFormation & IAM.
* Good knowledge on writing docker files for creating the containers and push containers to docker private registry.
* Experience on monitoring tools like Nagious and Splunk.
* Knowledge on Ansible tool for configuration management and deployment. Wrote some ansible playbooks for automation process.
* Good understanding and involved in blue-green deployment.

**TECHNICAL SKILLS:-**

**SCM Tool :** Subversion (SVN), Jenkins, Jira,

GIT, GitHub**.**

**Build Tool :** Ant, Maven.

**Servers :** JBOSS, Apache Tomcat, nginx, Apache http.

**Platforms :** Ubuntu, RedHat, Suse

**Repository :** Artifactory, Nexus.

**Scripting :** Shell, Python, and Ruby.

**Database System :** RDS, Dynamo DB, mysql.

**Configuration :** Chef**,** Ansible**.**

**Management tools**

**Cloud Computing :** Amazon Web Services: EC2, IAM, Elastic Beanstalk, and

Elastic Load balancer (ELB), RDS (MySQL), Dynamo DB, S3,

Route 53, ECS, VPC, Monitoring, Glacier**.**

**PROFESSIONAL EXPERIENCE:-**

**Client: Silicus Technologies September 2015– Till-Date**

**Role: Devops Engineer/Python Developer**

**Responsibilities:**

Silicus is

* Working as a Devops Engineer for supporting multiple projects doing automatic os patching for all Linux distributions and implemented monitoring tool in python for getting all the logs from all Linux virtual machines.
* Used Git**, Maven, Jenkins, Chef** and **Jira** as tools for day to day build & release cycles.
* Experienced in authoring **pom.xml** files, performing releases with the **Maven release plugin**, **Mavenization** of Java projects and managing **Maven repositories**.
* Managed Dependency Management within the teams by installing and configuring **Nexus/Artifactory** repository manager**.**
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Ant** and **Maven** to schedule the builds.
* We are using chef as a automation tool for doing automatic os patching to the all Linux distributions.
* Wrote cookbooks for doing automating for security patch, all patch and critical patch.
* Generating reports in a csv file by using chef handlers and send all the files to one centralized server.
* By using knife tool added all the nodes to our chef-server.
* Used cronjob for running chef-client run.
* Developed python monitoring tool for getting all system logs from the all Linux flavors.
* Used stranded libraries for getting the all the system data and performance counters from the different flavors of linux.
* Used python API for uploading all the agent logs into Azure Blob storage.
* Good experience on Linux CLI.
* Experience on Azure Blob storage.

**Environment:**  Ant, Maven, Git, Jenkins, Linux, Shell, Ruby, Python, Apache Tomcat, Nexus, Chef, Azure.

**Client: Skoruz Technologies , CA**

**Post Graduate Intern Sep 2015– Aug 2016**

**Role: Build/ Jr.Devops Engineer.**

**Responsibilities:**

* Working as a Jr build/devops engineer for the Applications and Services developed using SOA/Micro Services principles mostly in Java/J2EE frameworks for more than 5 different applications. Used Git**, Maven, Jenkins, Ansible, AWS, Chef** and **Jira** as tools for day to day build & release cycles.
* Hands on experience on automate the build process, built and deployed to the lower environment.
* Experienced in authoring **pom.xml** files, performing releases with the **Maven release plugin**, **Mavenization** of Java projects and managing **Maven repositories**.
* Managed Dependency Management within the teams by installing and configuring **Nexus/Artifactory** repository manager**.**
* Setting up proxys for artifactory repository and create local repo’s for releases and snapshots.
* Implement, maintain and support reliable, timely and reproducible builds for project teams.
* Researched and implemented code coverage and unit test plug-ins with Maven/Jenkins.
* Used Maven dependency management system to deploy snapshot and release artifacts to **Nexus** to share artifacts across projects.
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Ant** and **Maven** to schedule the builds.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Own full lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.
* Used **Jira** as ticket tracking and work flow tool.
* Good knowledge on Cookbooks with Test Kitchen and Docker containers even before uploading to chef server.
* Experience on writing Cookbooks and Recipes using Industry Best Practices for both Deployment Automation and Infra Configuration Management.
* Good understanding of Networking, VPC, Data center to Cloud Connective, Security etc in AWS Cloud.
* Working knowledge of following cloud services of AWS: EC2, S3, VPC, EBS, ELB, Auto scaling, Cloud Watch, Cloud Trail, IAM, SNS, SQS, RDS, Dynamo DB, Cloud Front etc.
* Good Knowledge of AWS CLI.

**Environment:**  Ant, Maven, git, Jenkins, Linux, Shell, ruby, python, Apache Tomcat, Nexus, chef, aws.

**Client: Persistent Systems Inc Jun 2012– March 2014**

**Hyderabad, India**

**Role: Linux Administrator Engineer.**

**Responsibilities:**

* Experience in all phases of Software Development Life Cycle (SDLC) in Agile, Scrum, and Waterfall methodologies.
* Experience in Deploying, Configuring and Hardening the RHEL 5.x, 6.x.
* Install, upgrade and manage packages via RPM and YUM package management .
* Performing User administration, Setting SSH connection for users and password-less authentication and fixing logins issues.
* Installed and configured several hundred Red Hat Servers and VMware ESXi Virtual Environment.
* File System creation and mounting the same as per the requests.
* Worked on configuring SMTP, NFS, DNS, DHCP, FTP, FSTP, Telnet and RAID levels.
* Experience in working with MySQL databases, Apache Web server, Tomcat Application Servers.
* Experience I writing various type Shell scripting.
* Experience in Networking NIS, NFS, DNS, DHCP, FTP, FSTP, Telnet.
* Having Good experience in managing Kick start installations.
* Hands on experience on writing vagrant files to create vm.
* Creating the Private and public keys by using ssh-key gen.
* Experienced in configure Apache and web Applications.   
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**Environment:**  RHEL 5.x/6.x, NFS, SMTP, Shell Programming, VMWare ESXi 5.x, 6X, Vagrant, KickStart, ESXI, DNS, Firewalls, Tomcat.

**Education:**

**M.S. Computer Science**  May 14- Aug 15

NorthWestern Polytechnic University, Fremont, CA.

**B. Tech. Electrical Engineer** Oct 09 – May 13

Jawaharlal Nehru technological university, Hyderabad, India.