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| --- | --- | --- | --- | --- | --- | --- |
| **Haricharan.M** | | | | | | |
| **Candidate Contact #** | | **Candidate Email ID** | | | **Candidate LinkedIn** | |
| 408-520-1553 | | [mhcharan60@gmail.com](mailto:mhcharan60@gmail.com) | | | NA | |
| **Interview POC Name (Supplier)** | | | | **Interview POC Contact # (Supplier)** | | |
| Sumit Madne | | | |  | | |
| **Current Location:** | Santa Clara,CA | | | | | |
| **Willing to relocate? If so, please provide the preferred location:** | Yes | | | | | |
| **Willing to attend in-person interview?** | No | | | | | |
| **Availability to Start** | Immediate | | | | |  |
| **Notice Period/ LWD on last project** | No | | | | |  |
| **Interviews/ Offers in Pipeline** | No | | | | |  |
| **LIST ALL EMPLOYMENT FOR THE PAST 7 YEARS** | | | | | | |
| **Dates of Employment**  **(Month/Year – Month/Year)** | **Parent Employer Name /Project Company Name**  **i.e. ABC Staffing / Project at XYZ Client Name** | | | | | **Location** |
| Aug 2017 - Present | Ericsson | | | | | Santa Clara, CA |
| Apr 2016 - July 2017 | TIAA Cref | | | | | Charlotte, NC |
| *Oct 2015 - Mar 2016* | *Perfume Center of America* | | | | | *Ronkonkoma, NY* |
| **Supplier Synopsis** | | | | | | |
| **Mandatory Skills**  **(As listed in JD)** | **# of Years Experience** | | **Summary of Candidate’s relevant hands-on experience** | | | |
| Linux | 7+Years | | 8 | | | |  |
| Ansible | 6+Years | | 7 | | | |  |
| Automation | 4+Years | | 7 | | | |
| Chef | 4+Years | | 7 | | | |
| Puppet | 4+Years | | 7 | | | |
| **Nice to Have Skills**  **(As listed in JD)** | **# of Years Experience** | | **Summary of Candidate’s relevant hands-on experience** | | | |
| Linux | 6+Years | | 8 | | | |
| Ansible | 5+Years | | 7 | | | |
| **Additional comments:** |  | | | | | |

**SUMMARY OF QUALIFICATIONS:**

* -driven IT Professional with referable 9+ years of experience a DevOps/Build &Release Engineer with Result major focus on Continuous Integration, Continuous Deployment, Configuration Management, Release of code from one environment to another environment and cloud implementations.
* Proficient experience on DevOps essential tools like Chef, Puppet, Ansible, Docker, Subversion (SVN), GIT, Hudson, Jenkins, Ant, Maven.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.
* Good knowledge in cloud integration with Amazon Elastic Map Reduce (EMR).
* Experience in Branching, Merging, Tagging and maintaining the version across the Jenkins.
* Expert in development and version control of Chef Cookbooks, testing of Cookbooks using Food critic and Test Kitchen and running recipes on nodes managed by on premise Chef Server.
* Strong experience on Chef with Knife commands to manage Nodes, Cookbooks, Chef Recipes, Chef attributes, Chef Templates, run-lists, environments and Ohai.
* Well versed with creation of puppet profiles and role modules.
* Experience in using Nexus and Artifactory Repository Managers for Maven builds.
* Extensive experience on Jenkins, Build Forge and Docker for continuous integration and end to end automation for all build and deployments.
* Expertise in readiness of assembles scripts, manufacture specs and applying mark for the product fabricates.
* Good experience with the Microsoft Azure, worked on setting up configuration server and Master target server.
* Firm grasp on Cloud Security, leveraging Linux and Windows operating systems, using the AWS console and CLI (command line interface).
* Strong comprehension of central advancements like DNS, Load Balancing, SSL, TCP/IP, systems administration and security best practices.
* Experience with Active Directory, LDAP, Ping Identity, XACML, Oath, SAML, single sign on (SSO) or related authentication technologies.
* Excellent understanding of Network topologies such as LAN, WAN, VPN and Firewalls.
* Hands on experience on Terraform a tool for building, changing, and versioning infrastructure safely and efficiently.
* Expertise in using the Docker for virtualization, Ship, Run and Deploy the application securely to fasten the Build/Release Engineering.
* Experience with "Continuous Delivery" project, streamlining Dev workflow, integrating automated QA validation, and delivering standardized releases based on Docker to Operations for deployment.
* Experience in keeping up and looking at log archives using Cloud Watch, Nagios, Splunk and Log stash.
* Excellent written and verbal communication skills, strong organizational skills, and a hard-working team player.

**TECHNICAL COMPETENCIES:**

Operating Systems Windows 2003/2008/2008R2/2012, UNIX, LINUX

J2EE Technologies Servlets, JDBC

Languages C, Java, J2EE

Web Technologies HTML, JavaScript, CSS

Frameworks Struts, Spring, Hibernate

Application Servers Web Logic, WebSphere

Web Servers Apache TOMCAT

IDE/GUI Tools Eclipse, NetBeans

Modeling Tools UML, Rational Rose

Databases Oracle 11g/10g, MySQL, DB2, Dynamo DB, MongoDB

Cloud computing Amazon EC2, S3, RDS, Lambda, SQS, SNS, SWF, Cloud Watch, EBS

**PROFESSIONAL EXPERIENCE:**

**AWS DevOps Engineer**

**Ericsson - Santa Clara, CA Aug 2017 - Present**

**Roles & Responsibilities:**

* Effectively involved in designing and deploying multitude 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.
* Installed, monitored and configured Applications in Nginx and Apache Tomcat Server and establish connectivity to databases and troubleshoot issues on the fly.
* Worked on "Continuous Delivery" project, streamlining Dev workflow, integrating automated QA validation, and delivering standardized releases based on Docker to Operations for deployment.
* Worked on an end to end continuous integration/continuous delivery product in an open source environment using tools like Ansible & Jenkins.
* Configured Load Balancing features to different applications depending on the load and visibility of the application to the enterprise.
* Worked on storage on AWS EBS, S3 and Glacier and automate sync data to Glacier.
* Databases services on AWS like RDS, Dynamo DB, Elastic Transcoder, Cloud front, Elastic Beanstalk.
* Migration of 2 instances from one region to another.
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using Ansible playbooks and has Integrated Ansible with Jenkins.
* Implementing a Continuous Delivery framework using Jenkins, Maven in multiple environments.
* Developed procedures to unify streamline and automate applications development and deployment.
* Worked on oath and SSH keys authentication.
* Worked on SAML's HTTP POST binding.
* Worked on Integrating Application planning, using Ping Identity.
* Worked on Integrating Mobile Application using Ping Identity.
* Performed the automation deployments using AWS by creating the IAM roles and policies and used the code pipeline plugin to integrate Jenkins with AWS and created the EC2 instances to provide the virtual servers.
* Configured GIT with Jenkins and schedule jobs using POLL SCM option.
* Used Jenkins AWS Code Deploy plugin to deploy and Chef for unattended bootstrapping in AWS.
* Reduced build + deployment times by designing and implementing Docker workflow.
* Responsible for all aspects of the Software Configuration Management (SCM) process including Code Compilation, Packaging, Deployment, Release Methodology and Application Configurations.
* Designed distributed private cloud system solution using Kubernetes (Docker) on CoreOS.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using Ansible playbooks and has Integrated Ansible with Jenkins.
* Used various services of AWS for this infrastructure. I used EC2 as virtual servers to host GIT, Jenkins and configuration management tool like Ansible. Converted slow and manual procedures to dynamic API generated procedures.
* Assisted customers in implementing DevOps strategies using Build forge as the automation engine.
* Involved in setting up builds using Chef as a configuration management tool and managed the configurations of more than 30 servers.
* Wrote Python scripts for pushing data from Dynamo DB to MySQL Database.
* Developed an AWS security roadmap which included the AWS services and third-party tools to be utilized in the AWS cloud for security monitoring.
* Created and managed an encrypted S3 bucket for all Cloud Trail Logs Encrypted bucket, and policy to allow MSSP to access the logs.
* Configured AWS config rules to evaluate AWS resources for compliance. Set up SNS notifications by creating a topic and subscribing a distribution list to that topic.
* Creating federated connections with partners (primarily exchanging metadata using Ping Identity).
* Resolved update, merge and password authentication issues in Bamboo and JIRA.
* Responsible for all aspects of the Software Configuration Management (SCM) process including Code Compilation, Packaging, Deployment, Release Methodology and Application Configurations.
* Trained by AWS on Security operations on AWS Security concepts.
* Leveraged AWS cloud services such as EC2; auto-scaling; and VPC (Virtual Private Cloud) to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.

**Environment:** EC2, RDS, S3, IAM, VPC, Cloud Watch, Cloud Trail, SNS, EBS, Route 53, ELB, Amazon Machine image, Elastic Bean Stack, Elastic search, Python (BOTO), Shell scripting, Linux, MySQL, Jira, Jenkins, Ant, Maven, Puppet, GIT, Kubernetes, Splunk, Dockers, Ansible, Chef, Build Forge

**DevOps Engineer**

**TIAA Cref - Charlotte, NC Apr 2016 - July 2017**

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**Roles & Responsibilities:**

* Utilize AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS and create nightly AMIs for mission critical production servers as backups.
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Created AWS Route53 to route traffic between different regions.
* Setup and build AWS infrastructure in various resources, VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud formation JSON templates.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java, PHP, Node.js, Python, Ruby, and Docker on familiar servers such as Apache, and IIS.
* Used Simple storage services (S3) for snapshot and Configured S3 lifecycle of Applications logs, including deleting old logs, archiving logs based on retention policy of Apps.
* AmazonEC2 in setting up instances, worked closely with infrastructure teams to troubleshoot complex issues and setting up security groups.
* Involved in AWS EC2/VPC/S3/SQS/SNS based on automation Ansible, Python, Bash Scripts.
* Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Used CHEF, Knife, Ohai to create cookbooks and recipes to install packages that automate with Linux Setting.
* Installed/Configured and Managed JFrog Artifactory Repository Manager and all the Repositories.
* Worked on SSP platform infrastructure integration and Documentation.
* Integrated multiple applications into single platform using SSP (Supply side platform)
* Developed Ansible scripts for an automated server provisioning and Docker images for isolation, reducing the time between provisioning and deployment from over 3 hours to less than 10 minutes.
* Installed, administered and configured Team Forge, Jenkins for Continuous Integration Builds, automated deployments and Notifications.
* Automate orchestration of different environment using puppet/chef in Cloud.
* Developed Maven scripts to automate the compilation, deployment, and testing of Web and J2EE applications.
* Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling
* To design cost effective, fault tolerant and highly available systems.
* Worked on setting up Splunk to capture and analyze data from various layers Load Balancers, Web servers.
* Provided regular support guidance to Splunk project teams on complex solution and issue resolution.

**Environment:** EC2, S3, auto scaling, AMI, ELB, EBS, IAM, RDS, DNS, cloud watch, route53, VPC, cloud front, Elastic Beanstalk, BASH, APACHE/TOMCAT, Java, Python, Ruby, Red shift, Chef, Puppet, Maven, Splunk, Docker, Jenkins

**DevOps Engineer**

**Perfume Center of America - Ronkonkoma, NY Oct 2015 - Mar 2016**

**Roles & Responsibilities:**

* Integration of Automated Build with Deployment Pipeline.
* Installed Chef Server and clients to pick up the Build from Jenkins repository and deploy in target environments (Integration, QA, and Production).
* Installed Chef Cookbooks and migrated Chef Server to AWS Ops Works using which cloud services were automated.
* Involved in the setup of Chef Servers, work stations, nodes and bootstrapping new infrastructure chef nodes for configuration management.
* Extensively used Ruby scripting on Chef Automation for creating cookbooks comprising all resources, Data bags, templates, attributes.
* Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Involved in setup of clustered environment with Web Logic Application Server and created a two-node cluster using the Amazon Elastic Load Balancer in AWS.
* Leveraged AWS cloud services such as EC2; auto-scaling; and VPC (Virtual Private Cloud) to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Deployed OpenStack workloads onto AWS. Migrated cloud formation scripts of OpenStack to AWS templates to setup VPC.
* Installed/Configured/Managed Puppet Master/Agent. Wrote custom Modules and Manifests, downloaded pre-written modules from puppet-forge. Up gradation or Migration of Puppet Community and Enterprise.
* Deployed Puppet, Puppet Dashboard and PuppetDB for configuration management to existing infrastructure.
* Worked on Deploying and maintaining multi-container applications through Docker.
* Worked on several Docker components like Docker Engine, Docker Hub, Docker machine, Docker compose and Docker registry.
* Used Google Kubernetes to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts.
* Worked closely with development teams and performance test engineers for EC2 size optimization and Docker build containers
* Developed and implemented automated Linux infrastructure environments on VMs using Vagrant, Chef, Jenkins, Maven, GIT, Apache and Tomcat servers.
* Provision and configure local Vagrant machines for developers with puppet
* Implementing a Continuous Delivery framework using Jenkins, Maven in multiple environments.
* Implement and maintain highly automated build and release process. Lead the application teams in adopting the best practice of source code management and traceability.
* Assisted source code management tools and automation builds. Ensure proper management of the product release.

**Environment:** Apache, Maven, Jenkins, Chef, Linux, Web Logic, AWS, AWS ELB, GIT, Shell scripting, Docker, Vagrant, Puppet, Kubernetes, Ruby

**Build and Release Engineer**

**Media First - India Dec 2013 - Sep 2015**

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**Roles & Responsibilities:**

* Worked on GIT which includes creating new users, Branching, Merging the changes and writing some pre-commit & post-commit hook scripts.
* Worked on integrating GIT into the continuous Integration (CI) environment along with Anthill-Pro, Jenkins.
* Development of branching and merging strategies to best suit the project requirements based on the size of the project and its team.
* Wrote JSON templates for cloud formation and ruby scripts for chef automation and contributing to our repository on GITHUB (sub version control).
* Implemented a GIT mirror for SVN repository, which enables users to use both GIT and SVN.
* Handled Jenkins related activities such as creating new users with the right privileges, configuring the new builds, add/delete Jenkins slaves and resolving any Jenkins related issue.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Developed a continuous deployment pipeline using Jenkins, Ruby/shell scripts.
* Integrated Junit tests in Ant and configured Jenkins to send the Unit test report to the development team.
* Developed Chef Recipes using Ruby Script through Knife command-line tool to create Chef Cookbooks to manage systems configuration.
* Setting up Chef Infra, Bootstrapping nodes, creating and uploading Chef Recipes, Chef Node convergence in Chef SCM.
* Used Puppet to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages.
* Automated scripts to create the common folder structure defined by CM plan for all new projects. Wrote scripts to create and apply label to files/folders automatically before submission.
* Business data analysis using Big Data tools like Splunk, ELK.
* Handled JIRA Administrative activities like creating new users, Resetting the password, creating new Project and Workflows, adding custom fields and others.
* Maintained all development tools and infrastructure and insure availability for a 24/7 development cycle with teams.

**Environment:**GIT, Maven, Ant, Jenkins, Chef, Puppet, Docker, Splunk, Jira, Unix/Linux, Shell scripting, Ruby, JIRA

**Build Engineer**

**InfoTech - India Mar 2010 - Nov 2013**

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**Roles & Responsibilities:**

* Installed, Deployed Red Hat Enterprise Linux 6.x, Centos and installation of packages and patches for Red Hat Linux Servers.
* Developed automated processes that run daily to check disk usage and perform cleanup of file systems on LINUX environments using shell scripting.
* Administered and handled configuration management of GIT and source code repositories:
* Administration source tree, user account creation, repo sync, branching, checkout, merging, cherry-pick, tag creation, pull, push, fetch, resolving merge-conflicts, merge-tool, commit, tag creation, snapshots, open source tools.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the GIT.
* Installed/Configured/Managed Puppet Master/Agent. Wrote custom Modules and Manifests, downloaded pre-written modules from puppet-forge. Up gradation or Migration of Puppet Community
* Involved in Installing Hudson on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Remote system administration using tools like SSH, Telnet.
* Configuring and maintaining network services such as LDAP, DNS, NIS, DHCP, NFS, Web, mail, FTP.
* Develop, Maintain, update various script for services (start, stop, restart, recycle, Cronjobs) UNIX based Korn shell, Bash.
* Creation and scheduling of Cronjobs for Backup, System Monitoring and removal of files that are not required.
* Used Nexus for periodic archiving and storage of the source code for disaster recovery; sharing artifacts and handling dependency management within the company.
* Worked closely with Business analysts and Project managers to meet release and build schedule deadlines.
* Documented all post-deployment issues in a log and assisted in resolving these issues where applicable, maintaining timely updates within the log.
* Built and deployed java source code into application servers in an agile continuous integration environment.
* Implemented Release schedules, communicated the Release status, created Roll Out Plans, tracked the Project Milestones, prepared the reports and chaired the Release calls and worked for a successful Release of Jira Application.

**Environment:**Linux, GIT, ANT, Maven, Jenkins, Nexus, Windows 7, Apache, Tomcat, Hudson, Perl, UNIX, JIRA, Hudson

**EDUCATION:**

* **Bachelor’s Degree in Computer Science** (Graduated in 2009)

Osmania University, India

**REFERENCES: Provided upon request…**