**HARI D**

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**SUMMARY:**

* Around 2+ years of experience in IT industry comprising of delivery management, design, development, release & deployment, and cloud implementation.
* Experience of the full Software Development Life Cycle (SDLC) and Methodologies & Validations to ensure the Quality Assurance Control.
* Experience in IT industry as DevOps/ Agile Operations, Linux Administrator, Build/Release Management, Software Integration, Configuration, Release Engineer, Change/Incident Management, AWS, AZURE & Open-source technologies and Cloud Management.
* Automating environment build and provisioning using virtualization, containerization and orchestration tools with Docker, VM Ware, AWS, Vagrant, Kubernetes and OpenShift.
* Experience in provisioning Kubernetes cluster and deploying and maintaining and Scaling workloads.
* Experience on DevOps tools such as Chef, Vagrant, Virtual Box, Puppet, Ansible, Jenkins, Maven, ANT, and Docker.
* Experience on version control systems like Subversion, GIT, IBM clear case UCM and used Source code management client tools like Visual SVN, Tortoise SVN, UberSVN, Source Tree, Git Bash, GitHub, GitLab, Git GUI and other command line applications.
* Experience in Infrastructure Development and Operations involving AWS Cloud platforms, EC2, EBS, S3, VPC, RDS, SES, ELB, Auto scaling, Cloud Front, Cloud Formation, Elastic Cache, Cloud Watch, SNS.
* Strong Experience on AWS platform and its dimensions of scalability including VPC, EC2, ELB, S3, and EBS, ROUTE 53.
* Knowledge in design and configuration of Azure for automation solution development for Microsoft POC engagements, Azure backup, Azure site recovery, IaaS.
* Worked in SCM tools - Chef and Puppet for Deployment on Multiple platforms.
* Strongly hands on experience in scripting such as - Python, Groovy, UNIX Bash, Shell Scripting and Perl.
* Extensive experience using MAVEN, ANT, Gradle and XCode as build tools for the building of deployable artifacts from source code and good exposer in Android platform and build tools.
* Experience in writing Ansible Playbooks and Puppet Manifests to provision Apache Web servers, Tomcat servers, Nginx, Apache Spark and other applications.
* Automated the process of launching and stopping/terminating EC2 instances on Amazon AWS with BOTO.
* Experience and knowledge of Cloud Management Platform (IaaS, PaaS, SaaS).
* Worked on AWS CloudFormation templates to using Terraform with existing plugins. To ensure successful deployment of Web applications and database templates.
* Extensively used Docker/Kubernetes for containerization, virtualization, Ship, Run and Deploy the application securely to fasten Build/Release Engineering. Involved in Provisioning AWS Infrastructure using Terraform scripts from Jenkins.
* Written Terraform templates, Chef Cookbooks, recipes and pushed them onto Chef Server for configuring EC2 Instances.
* Experience in building private cloud infrastructure of OpenStack, deploying through puppet and maintaining them in production.
* Created and wrote shell scripts (Bash), Ruby, Python and PowerShell for automating tasks.
* Streamlined installation of Open Shift on partner cloud infrastructure such as AWS and Azure.
* Proficient in deep analysis of existing tools that are integrated used with CVS (defect tracking (Bugzilla), continuous integration (Jenkins), etc.), reviewing the feature set.
* Expertise in writing new plugins for Jenkins to support new functionality in Terraform.
* Support and enhance SDLC by using Docker containers delivered with Open shift for Web application deploy.
* Experience on Deployment Automation & Containerization (Puppet, Docker, Kubernetes, Rancher).
* Documented Daily meetings, Build reports, Release Notes and many other day-today documentation and Status Reports.

**TECHNICAL SKILLS:**

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| **Version Control Tools** | GIT (GitHub, Atlassian bit bucket, GitLab), Subversion, CVS |
| **Configuration management** | Chef, Puppet, Ansible, Terraform |
| **System Monitoring Tools** | Elastic Search, Kibana, Nagios, Grafana, ICINGA, Cloud Watch |
| **Build & CI Tools** | Apache Ant, Maven, Gradle, Docker, Kubernetes, TeamCity, Confluence, Atlassian, Jenkins, Hudson, Build Forge, Atlassian Bamboo |
| **CD Tools** | Custom Tools, RPM, YUM, NPM, Octopus Deploy |
| **Bug tracking Tools** | Atlassian JIRA, REMEDY, Fisheye, Bugzilla, Bug tracker, TFS, Agile |
| **Cloud Technologies** | AWS (VPC, EC2, S3, CloudWatch, Lambda, RDS, EBS, IAM), Google Cloud, Microsoft Azure, IaaS, PaaS, SaaS |
| **Languages** | C, C++, JAVA, J2EE, ASP.net |
| **Scripting Languages** | Bash, Python, Shell Scripting, Groovy, Ruby |
| **Web Application Servers & Technologies** | Apache Web Server on Windows, IIS, Linux and Solaris, Web Logic, JBOSS, Tomcat, Apache 2.x, 3.x |
| **Middleware File Systems** | WebLogic, WebSphere and Tomcat, UFS, VMware, vSphere |
| **Databases** | Oracle 10.x, SQL Server 2008, 2012, MS Access, MySQL 5.0.2 |
| **Operating Systems** | UNIX, Linux, WINDOWS NT/2000/2003/XP/vista/7, Red Hat Linux 5.x/6.x/7 Ubuntu, Centos, Windows Server 2003/2008/2012 |
| **Networking Protocols** | TCP/IP, NIS, NFS, DNS, DHCP, Cisco Routers/Switches, WAN, SMTP, LAN, FTP/TFTP, UUCP, X.25, LAN, WAN, SSH, UDP, TELNET |

**PROFESSIONAL EXPERIENCE:**

**Creative Tech Mars Software Solutions Pvt.Ltd, India Jan 2018 – Jul 2019**

**DevOps Engineer**

**RESPONSIBILITIES:**

* Successfully Build and configured virtual data center in the AWS cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer.
* Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Design and Implemented Cloud Orchestration solution using AWS EC2 &, Docker.
* Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud formation JSON templates.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Lambda, Dynamo DB, SES, SQS and SNS services in AWS cloud and Deployed applications on AWS by using Elastic Beanstalk.
* Responsible for orchestrating CI/CD processes by responding to Git triggers, human input, and dependency chains and environment setup, Design and document CI/CD tools configuration management.
* Implementing a Continuous Delivery framework using Jenkins, Chef, Maven and Nexus in Linux.
* Develop PowerShell, Python and Linux scripts for Chef and Udeploy to build end to end automations.
* Setup and installed RHEL, Centos, Ubuntu, Solaris servers.
* Utilized Configuration Management Tool Chef & created Chef Cookbooks using recipes to automate system operations and configure Apache Tomcat, Jenkins, and Run-Deck and deployment automation.
* Implemented a CD pipeline with Docker, Jenkins and GitLab/GitHub with AWS AMI’s.
* Installed Docker registry for local upload and download of Docker images and from Docker hub.
* Used Kubernetes to deploy, load balance, scale and manage Docker containers with namespace versions.
* Implemented a continuous deployment pipeline with Jenkins and Jenkins workflow on Kubernetes.

**ENVIRONMENT:** AWS (EC2, VPC, ELB, S3, RDS, Cloud Trail, Route 53), VDI, Linux, Git, IAM, Cloud watch, Cloud Formation, AWS CLI, AWS Auto Scaling, Ant, Maven, Nagios, Subversion, JIRA, Agile, Jenkins, Shell scripting, Chef, Web Sphere, Kubernetes, JBoss, Apache Tomcat, Docker.

**Creative Tech Mars Software Solutions Pvt.Ltd, India Nov 2016 – May 2017**

**Role: Build & release Engineer (Intern)**

**RESPONSIBILITIES:**

* Successfully designed and implemented SVN and GIT metadata including labels, attributes, triggers, hyperlinks and responsible for design and maintenance of the Subversion/GIT Repositories, views, and the access control.
* Developed UNIX and Perl Scripts for manual deployment of the code to the different environments.
* Used ANT and MAVEN as build tools on Java projects for the development of build artifacts on the source code and Involved in branching and merging of code.
* Automated the build and release management process including monitoring changes between releases.
* Expertise building and monitoring software projects continuously with CI tools like Jenkins and Hudson.
* Deployed JAR, WAR & EAR artifacts into the WebLogic servers and Apache servers.
* Carried builds using MAVEN on Java projects and done deployments on various environments.
* Deployed puppet for configuration management and shell scripts to automate the deployment process.
* Manage source code, software builds, versioning and detect tracking on all software maintenance tasks.
* Created views and appropriate meta-data, performed merges, and executed builds on a pool of dedicated build machines.

**ENVIRONMENT:** ANT, MAVEN, Apache & Tomcat, shell & Perl Scripting, VMWare, Subversion, Jenkins, Hudson, Puppet, WebLogic, branching, SSH, Windows 2000/XP, LINUX, UNIX GIT, GITHUB, GIT, Java/J2EE, .NET, JIRA, XML, Windows XP, Windows Server 2003, MY SQL.