**DASARATHA KUMAR REDDY M**

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**Profile Summary**

Over all 4.5 year of experience in Development by using Middleware technologies, extensively worked with different projects of Web, UI, Could AWS and DevOps . As team member with excellent analytical, verbal and communication skills and worked as Offshore Engagements.

**Professional Summary:**

* Passionate having more than 2 years of experience in several phases of the Software Development Life Cycle where my main area of expertise & specialized skills is in Build & Release Engineering that includes DevOps, Build Automation & Management, Software Configuration Management, Release Management, Continuous Integration and Continuous Delivery..
* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Jenkins, Chef, Ansible, GitHub & Linux etc.
* Worked in all areas of Jenkins setting up CI/CD for new branches, build automation, plugin management and securing Jenkins and setting up master/slave configurations.
* Experience in AWS EC2, cloud storage S3 and security services IAM and also in VPC, Cloud Watch, Amazon Elastic Search, and Security Groups with an overall objective to improve the scalability, reliability, performance, and availability of the cloud infrastructure. Administrates the cloud development, test and production cloud hosted environments.
* Proficient in writing Cloud Formation Templates (CFT) in JSON and Terraform format to build the AWS services with the paradigm of Infrastructure as a Code.
* Written Cloud Formation templates in json to create custom VPC, subnets, NAT to ensure successful deployment of web applications.
* Experienced with event-driven and scheduled  Lambda functions to trigger various AWS resources
* Worked with version/source management tools like GIT implementation using Bit Bucket.
* Hands on experience in setting up the Bit Bucket and managing the users, repositories, creating the branches, resolving the conflicts and merging the branches. Implemented various branching strategies in my experience.
* Experience in implementing Continuous Integration and deployment using various CI Tools like Jenkins & configuration management tools like Chef and ANSIBLE.
* Expertise in creating Devops strategy in mix environments of Linux along with AWS.
* Experience in configuration management tool Chef and Ansible for automatic configuration management /deployment integrated with Jenkins.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation-using Jenkins along with Shell scripts to automate routine jobs.
* Worked with developers, project managers and product owners to setup the road map, and supported day to day build issues.
* Responsible for defining branching & merging strategy, check-in policies, improving code quality, automated Gated Check-ins, defining backup and archival plans.
* Troubleshoot and resolve build failures due to infrastructure issues. Setup and executed process to code review system effectively.
* Managed environments DEV, QA, UAT, STAG and PROD for various releases and designed instance strategies.
* Responsible for the design and development of builds, scripts, installation procedures, and systems including source code control and issue tracking.
* Responsible for creating Chef Cookbooks from scratch and experience in editing existing chef cookbooks and automated manual installation processes and configuration processes using chef.
* Experience in integrating the CI/CD with Selenium and JIRA for automatic bug creation using REST API from JIRA.
* Building/Maintaining Docker container clusters managed by Linux, Bash, GIT, Docker for the runtime environment of the CI/CD system to build, test deploy.
* Experienced in deploying EAR, JAR, and WAR in Tomcat, Application Servers in Linux/Windows Environments,
* Experience in Web technology HTML, JAVA SCRIPTS, CSS, BOOTSTRAP.
* Wrote deployment scripts using shell.
* Designed a web page to monitor the builds and publish reports using HTML, XHTML and CSS.
* Installing and configuring application servers for deploying artifacts as per project requirements.
* Integrate Unit Testing, Code Coverage and Deployment tools with Jenkins and Ant.

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| Operating Systems | * Linux (Redhat, Unbantu, CentOS) |
| Tools | * Version Control : Git , BitBucket * Configuration Management: Puppet , Chef * Continuous Integration: Jenkins * Cloud: AWS, AZURE * Micro service: Docker container |
| Language / Scripting | * Shell scripting * HTML, CSS, PHP, Angular JS * JSON |

**Professional Experience**

**Administrative Associate /**

**I5 Soft Solutions Pvt Ltd Hyderabad June 2017 to Till date :**

**Client : Halfprice.live**

**Service: Cloud Team size: 3**

Role and Responsibilities:

* Responsible for active maintains of server instance AWS EC2 for application
* Responsible for deploy additional server to enhance the traffic
* Responsible for S3 bucket as storage and DynamoDB to provide personalized of application form the client side
* Responsible to maintain the AMI backup for easy instance deployment
* As for the client requirement predefine architecture was used for elements deployment
* Automation carried with Terraform implementation for deployment of VPC and Security groups
* IAM policy and User group policy was used for user control and Role control
* Implement the elastic load balancer for balancing the traffic flow among the servers
* Rout 53 was used to route the DNS set and these endpoints must be updated in the domain names Nameserver settings.
* Common use of GIT for store of stage files and index file to replica and backup for easy usage

**UI Developer /**

**I5 Soft Solutions Pvt Ltd Hyderabad Jan 2016 to Nov 2016 :**

Role and Responsibilities:

* Around 1 years of experience in the field of Web designing , Monitoring , Configuring and troubleshooting, Updating the Website.
* Google Adwords & Adsence Digital marketing campaign for websites.
* Bootstrap installation and admin configurations for Website.
* Created and configured domains in hosting platforms using configuration wizard.
* Having good knowledge on Word Press installation, configuration and customization.
* Involved in creating and configuring the users in production environment and deploying the applications plugins .
* Involved in My SQL and PHP server Data Collection parameters.
* SEO (Search Engine Optimization) SCM activities for websites.
* Installation of OS, Service Packs, Configuration, Active Directory, Remote Desktop, Domain Configuration.
* Responsible for configuration and management of LAN and WAN.
* Handling software and hardware upgrades, implementing and maintaining procedures for backup and recovery of network servers and configuration files of other network devices.
* Monitoring the functioning of equipment/peripherals and make necessary modifications to ensure system operates in conformance with specifications.

**Software Marketing Executive**

**SPIDER SOFTWARE INDIA PVT LTD , Hyderabad. Jan 2015 –Dec 2015.**

* Technical Analysis for the stocks from NSE BSE market as for the daily updates
* Analysis Implement on the client bases using the company software
* Providing the complete guidance and strategy for the client as per requirement
* Installing the demo software for the client with remote access
* Strategy development for new users as they define the requirements

**EDUCATIONAL QUALIFICATION:**

* B. Tech from JNTU affiliated college 2014 passed out

**PERSONAL PROFILE:**

**Name**  **:** Mula Dasaratha kumar Reddy

**Father’s Name :**  Mula Maheswara Reddy

**Date of Birth** **:**  25-07-1993

**Gender** & **Marital Status** : Male, Married

**Nationality :** Indian

**Languages :** English, Telugu, Hindi.

I hereby certify that all the information provided above is true to the best of my Knowledge.

(Dasaratha Kumar Reddy M)