**SATHISH REDDY MUPPIDI** 

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**PROFESSIONAL SUMMARY**

* AWS certified engineerwith 4 years of experience in IT industry comprising of **Systems Administration and Change Management, Software Configuration Management (SCM), Build and Release management and Process Engineering.**
* Experienced in Automating, Configuring and deploying instances on **AWS, Azure environments and Data centers**, also familiar with **EC2**, **Cloud watch**, **Cloud Formation** and managing security groups on AWS.
* Experience on writing **chef cookbooks and recipes** to automate the installation of various middleware infrastructures like **apache tomcat, jdk and configuration tasks** for new environments. Worked on customizing recipes to automate deployment process and to install soft wares like **nifi, appdynamics** etc.
* Hands on experience with **Jenkins administration, backups and plug-ins**. Maintained over 40+ jobs in Jenkins using **master slave configuration** and supported development teams.
* Experience in working on version controller tools like **GitHub (GIT), Subversion (SVN)** and software builds tools like **Apache Maven, Apache Ant**.
* Experience in setting up project specific environment on Linux/Unix and Windows platform that involves **CM branching, merging** using version control tools like SVN and GIT.
* Experience in developing and maintaining build, deployment scripts for test, Staging and Production environments using ANT, Maven, Shell and Perl Scripts.
* Experience in **automating Vulnerability Management patching and CI/CD** using Chef and other tools like **GitLab, Jenkins, and AWS.**
* Worked to identify the suitability and use a wide variety of **open source technologies** and **tools**
* Setup **Puppet Master, client** and wrote scripts to deploy applications on Dev, QA, production environment.
* **Designed**, **managed**, and **maintained** tools to automate operational processes.
* Knowledge of best practices and **IT operations** in an always-up, always-available mission **critical service**
* Knowledge of enterprise application **integration** and messaging **technologies**
* Extensively worked on **CI/CD pipeline** for code deployment by engaging different tools like GIT, Jenkins, **Code pipeline** in the process right from developer code check-in to Production deployment.
* Deployment strategies and the coordination of architecture changes for rapidly evolving projects.
* Experience working in Highly dynamic environment using an **Agile SCRUM methodology**.
* Experience with various Atlassian tools like **JIRA, confluence** etc.

**TECHNICAL SKILLS**

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| --- | --- |
| DevOps Tools | Chef, Puppet, Vagrant, Docker |
| Cloud Platform | Amazon Web Services(AWS), Azure, Openstack |
| Scripting Languages | Ruby, Python, Shell scripting |
| Web/App Servers | Web Logic, Web Sphere, Apache Tomcat |
| Build &CI Tools | ANT, Maven, Hudson/Jenkins |
| SCM Tools | SVN, GitHub |
| Operating Systems | UNIX, Linux, MS DOS, Windows 2012,2008 Server |
| Database | SQL Server, Enterprise NoSQL, Oracle |
| Virtualization/Container | VMware |
| Bug reporting Tools | JIRA, Bugzilla |

**EXPERIENCE**

**COMPANY NAME, PLACE, STATE .**

**Sept 2015 - Present**

**Role: DevOps Engineer**

**Responsibilities:**

* Working with Continuous Integration Builds on Jenkins and working with various environments like Linux, Unix, Windows and IBM z/OS mainframes.
* Involved in utilizing almost the entire AWS stack (including EC2, EBS, Route53, S3, RDS, Dynamo DB, SNS, SQS and IAM) focusing on high-availability, fault tolerance, and auto scaling.
* Integrated Jenkins with regards to Release Notes creation and updates.
* Build scripts using ANT and MAVEN build tools in Jenkins to move from one environment to other environments.
* Experience in working with Agile Methodologies, Test Driven Documentation, Code Analysis and Data Analysis.
* Perform upgrades and maintenance on our Ubuntu & Amazon Linux servers.
* Worked on receiving and executing on work received via a ticketing system
* Application performance analysis and monitoring
* Involved in migration of Arti factory & Git server.
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.
* Worked with Software process automation with popular scripting languages shell and ruby.
* Integrated GITHUB into Jenkins to automate the code checkout process.
* Worked with the tool like Chef.
* Design roles and groups using AWS Identity and Access Management (IAM). Created users and groups using IAM and assigned individual policies to each group.
* Automated provisioning and Monitoring of a global deployment of micro services
* Shell scripting to automate tasks on Solaris and Linux and automated jobs using Crontab.
* Designed & implemented build automation and configuration management with Ansible.
* Responsible for User Management, Plugin Management, End to End automation of build and backup and recovery processes in Jenkins.
* Virtualized the servers using the Docker for the test environments and dev environment needs.
* Working with development team on enforcing source control strategies, building, packaging and deployment of products.
* Worked with developers to ensure new environments both met their requirements and conformed to industry-
* standard best practices.

**Environment:** Linux, IBM Mainframes, Arti factory, Docker, Ansible, Jenkins, Maven, Chef, GitHub, AWS, Shell and Ruby Scripts, Apache Tomcat, XCode.

**Spinsci Technologies, Hyderabad, India Oct 2012 - Aug 2015**

**Role: Build & Release Engineer**

**Responsibilities:**

* Extensively worked on Installation and configuration of Redhat Linux 5 / 6, Ubuntu 12.04/14.04 and Windows 03/08 Servers on large distributed environment.
* Worked on Block Infrastructure to perform Virtualization using on RHEL/SUSE servers.
* Worked on Installation of VMware and creating Virtual Machines from scratch and from templates and Assisted in troubleshooting applications for Load balancing.
* Worked with SSL, RSA, PKI.
* Deployed and Configured Automation tools like Puppet and Chef.
* Worked on configuring Puppet master servers and installing Puppet client software on Linux servers.
* Deployed Puppet, Puppet Dashboard, and Puppet DB for configuration management to existing infrastructure.
* Worked on Installation and Configuration of Chef Server and Chef-client (Nodes)
* Deployed and maintained infrastructure using Chef cookbooks and recipes
* Configured yum repository server using Chef on RHEL 5/6.x in VMware environment.
* Worked on Shell scripting.
* Installed Nagios on the Global Servers and developed Bash Scripts for Monitoring Point of view.
* Working with AWS Cloud computing and involved in creating AWS instances and deployed Linux and Ubuntu on AWS environment and Expertise in migrating applications onto AWS.
* Worked on Keystone identity service, Swift object storage service, glance image service, Cinder block storage service and Networking service.
* Configured Various Network services such as NFS, DNS and NIS.

**Environment:**  Jenkins, Solaries, ANT, MAVEN, Web Sphere, Perl Scripts, Shell Scripts, Ruby, XML, LINUX JIRA, Python.