SATHISH REDDY MUPPIDI

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PROFESSIONAL SUMMARY

➢ AWS certified engineer with 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

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

<u>Responsibilities:</u>

➢ 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.