**S.MothiManoj**

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**PROFESSIONAL SUMMARY:**

* **6+ Years** of experience in IT industry as DevOps/ Agile operations, Linux Administrator, Build/Release Management, Quality Assurance and Cloud Management.
* Experience working in a **DevOps Environment** on various technologies/applications like **Puppet, CHEF,Azure, GIT, SVN, NEXUS, Jenkins, Docker, AWS, and ANT.**
* Experience in **Linux Administration** in Installation, Configuration, Tuning and Upgrades of Linux (Red Hat and Oracle).
* Experience in branching, tagging and maintaining the version across the environments using SCM tools like **Subversion (SVN), CVS** and **GIT** on UNIX and Windows environment.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile, Scrum, and Waterfall** methodologies.
* **AWS** Cloud platform and its features which includes **EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation AWS Config, Autos calling, Cloud Front, IAM, S3, R53.**
* Excellent knowledge of **Amazon EC2, Amazon S3, Amazon Elastic Load Balancing and other services of the AWS family**.
* Experience in Installing, upgrading and configuring **Red Hat Linux 4.x, 5.x, and 6.x using Kickstart Servers**. Worked on Data-Center operation and migration across **Unix and Linux** platforms.
* Experience of working with the release and deployment in**Java/J2EE**, **C, C++,** ERP systems and **ASP.net** Web applications environment.
* Strong development and design experience with various **java** and **JEE frameworks** like **Spring**, **Spring boot**, Groovy, Grails, JAX-RS, JAX-WS, **Apache CXF**, Jersey, Apache Axis, JPA, Hibernate, MyBiatis, Struts, **JSF, EJB** 3.1, EJB 2.1 and **JMS**.
* Code development using Eclipse, **HTM**L, Java**, JSP, SWING, Servlet** and SQL.
* Experience in Implementing Continuous Delivery pipeline with **Docker**, **Maven**, **Ant**, **Jenkins** and **AWS**.
* Experience administration of **VMWare ESX**, Puppet, Atlassian (JIRA Agile), **confluence**, and Crowd.Managed **JIRA/Confluence** Global Administration Team.
* Good Knowledge in **Azure cloud services, Azure storage, Azure active** directory and Azure Service Bus. Managing Client's Microsoft Azure based **PaaS** and **IAAS** environment.
* Experience working on several **Docke**r components like **Docker** Engine, Hub, Machine, creating **Docker** images, Compose, **Docker** Registry and handling multiple images primarily for middleware installations and domain configurations.
* Implementation and Deployment of **UCode/Udeploy** application to dynamically deploy Company Website Build's.
* Extensively worked on **Hudson, Jenkins, and TeamCity** for continuous integration and for End to End automation for all build and deployments.
* In-depth knowledge of computer applications and scripting like **Shell, Python, Ruby, Perl**, **JavaScript, Power Shell** and XML.
* knowledge on Java/J2EE and also have the ability of developing **XML, HTML, Shell Scripts and Perl Scripts**.
* Expertise in Querying **RDBMS** such as **Oracle, MYSQL and SQL Server** by using **PL/SQL** for data integrity. Experience working with **Oracle 9i/10g**. Prior coding skills in **PL/SQL**, triggers, stored procedures, design and creation of databases, schemas, tables and indexes.
* Expertise with UNIX and Windows environments including Shell and Perl scripts, version control tools like **TFS CVS**, Subversion, Perforce, Clear Case, Star team.
* Deployed DevOps using **Puppet, Dashboard, and Puppet DB** for configuration management to existing infrastructure.Experience in **OpenStack cloud**, integrating it with **Puppet.**
* Proficient with cloud services like **OpenStack** and Amazon Web Services
* Experience in Configuring and deploying to Application servers **WebLogic** and **WebSphere.**
* Experience in using **Tomcat** web servers for deployments and for hosting tools.
* Experience in using Bug tracking tools like **JIRA, Remedy, HP Quality Center and IBM Clear Quest.**
* Automated MySQL slave master replication using **Ansible.**
* Experience in **MongoDB** cluster job performance, capacity planning, connectivity and security.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

**TECHNICAL SKILLS:**

DevOps: Docker, Chef, AWS,Azure, Google cloud

Versioning Tools: Subversion, Clear case, GIT

Languages: C, C++, Java/J2EE,SQL

Scripting: Shell, Python, Ruby

Web Technologies: HTML, Java Script, XML, Servlets, JDBC, JSP

Web/App server: Web logic, Web Sphere, Apache Tomcat,JBOSS

Database: Oracle 9i/10g, SQL SERVER, MySQL, Cassandra, MangoDB

CI Tools: Jenkins, Hudson, Bamboo

Build Tools: ANT, MAVEN, Grunt, Gradle

**Bug Tracking Tools:** JIRA, Nagios

Operating Systems: Windows, UNIX, LINUX

Cloud Computing : Amazon Web Services: EC2, IAM, Elastic BeanStalk, Elastic Load

Balancer(ELB), RDS(MySQL), DynamoDB, S3, Glacier, SQS, SNS, Cloud

Formation, Route 53, VPC, CloudWatch, VMware.

**PROFESSIONAL EXPERIENCE:**

**Client: DirectTV, Irvine, CA Jan’2016 to till date**

**Role: Sr.DevOps Engineer**

**Responsibilities:**

* Experience as a**Scrum Master/Agile**, **Business Analyst**, QA/Project Coordinator, with major responsibilities of managing projects smoothly and in leading and performing Application Testing.
* Facilitate **sprint** planning sessions, daily **stand-up meetings**, reviews, demos, retrospectives, and other Agile-related meetings; Facilitate discussion and conflict resolution.
* Involved in designing and deploying multitude applications utilizing almost all of 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**.
* Migrated the current **Linux** environment to **AWS/RHEL** Linux environment and used auto scaling feature. Involved in Remediation and patching of **Unix/Linux** Servers.
* Configured **AWS IAM** and Security Group in Public and Private Subnets in **VPC**.
* Created **AWS Route53** to route traffic between different regions.
* Used Amazon **Route53** to manage **DNS** zones and also give public **DNS** names to elastic **Load balancer**ip's.
* Used **MySQL, DynamoDB** and **Elastic Cache** to perform basic database administration.
* Used GZIP with **AWS Cloud Front** to forward compressed files to destination node/instances.
* Build out server automation with Continuous Integration - Continuous Deployment tools like **Jenkins/Maven** for deployment and build management system.
* Designing and implementing fully automated server build management, monitoring and deployment By Using Technologies like **Chef.**
* Utilized Configuration Management tool**Chef**& created **Chef** Cookbooks using recipes to automate system operations.
* 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.
* Manage **Amazon Redshift** clusters such as launching the cluster and specifying the node type.
* 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.
* Designed **AWS**Cloud Formation templates to create custom sized **VPC, subnets, NAT** to ensure successful deployment of Web applications and database templates.
* Setup and build **AWS** infrastructure various resources**, VPC EC2, S3, IAM, EBS**, Security Group, Auto Scaling, and **RDS** in **Cloud Formation** JSON templates.
* Provide highly durable and available data by using **S3** data store, versioning, lifecycle policies, and create AMIs for mission critical production servers for backup.
* Maintained the user accounts (**IAM**), **RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS** and **SNS** services in **AWS** cloud.
* Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services**.
* Built Continuous Integration environment **Jenkins** and Continuous delivery environment.
* Used **ANT** and **MAVEN** as a build tools on java projects for the development of build artifacts on the source code.
* Involved in loading data from On-premises data warehouse to AWS's Cloud using different approaches like Sqoop, Spark and AWS Services
* Manage **AWS EC2** instances utilizing Auto Scaling, **Elastic Load Balancing** and **Glacier** for our QA and UAT environments as well as infrastructure servers for **GIT** and **Chef**.
* Created monitors, alarms and notifications for **EC2** hosts using **Cloud Watch**.
* Installed, configured and maintained **DNS, FTP, TCP/IP** and Samba on Red Hat Linux.
* Installed, configured and maintained web servers like **HTTP** Web Server, Apache Web Server,
* Created Python scripts to totally automate **AWS** services, which includes web servers, **ELB**, Cloud Front distribution, database, **EC2** and database security groups, **S3** bucket and application configuration, this script creates stacks, single servers, or joins web servers to stacks.
* Designing and implementing container orchestration systems with **Docker Swarm** and **Kubernetes.**
* Responsible for building the**REST Requests** based on the Specifications document.
* Experience working on several **Docker** components like **Docker** Engine, Hub, Machine, Compose and **Docker** Registry.
* Experience working on **Docker** hub, creating **Docker** images and handling multiple images primarily for middleware installations and domain configurations.
* Worked on **Docker** container snapshots, attaching to a running container, removing images, managing Directory structures and managing containers.
* Strong in building using Java, writing Shell Scripts on UNIX.

**Environment:** Linux, AWS, AWS Command Line Interface, CMDB, AWS SKD Jenkins, Maven, ANT, Docker, SVN, GIT, Splunk, WebLogic Server, Apache Tomcat Server, Python, Chef, Azure, Tfs, UNIX/LINUX, XML.

**Client: Wolters Kluwer, New York Feb'2014 – Nov’2015**

**Role: Devops Engineer/Linux**

**Responsibilities:**

* Installation, administration, implementation, testing and maintenance of complex and heterogeneous networks consisting of**Linux** (Red Hat), **Sun Solaris 8/9/10, IBM AIX, Ubuntu**.
* Installation and troubleshooting on VMware running**Linux (Redhat 3/4/5/6)**
* Implementation and setup of localLinux disk backups using open Source applications.
* Consolidating multiple**Linuxservers** into 2 physical virtual servers, using vserver.
* Proficiency with configuration and maintenance of **NFS, DNS, NIS/NIS+, DHCP, SMTP**, and networking with **TCP/IP**.
* Implemented rapid provisioning and life cycle management for **UbuntuLinux** using **Amazon EC2, Chef, and custom Ruby/Bash scripts.**
* Installed & Migrated **VMWARE VMs** to AWS and Managed Services like **EC2, S3 Bucket, Route53, ELB, EBS** Etc with Opscode Chef Cookbooks/Recipes.
* Setup**Chef** Server, workstation, client and wrote scripts to deploy applications.
* Used cookbooks, recipes, roles, Database, run list to deploy web applications, applications servers and vendor applications.
* Implemented**Chef**, including the internal best practices, cookbooks, automated cookbook **CI and CD** system. Made use of Jenkins for**Chef**CI, Rake for style and linting, Thor for versioning, Berkshelf for dependency management, and Test-Kitchen for testing and development.
* Maintained build related scripts developed in **ANT**, **Python** and **shell**. Modified build configuration files including **Ant’s build.xml**.
* Used **ANT and MAVEN** as a build tools on java projects for the development of build artifacts on the source code.
* Built Continuous Integration environment **(Jenkins) and Continuous delivery environment (Chef).**
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Ant** and **Maven** to schedule the builds.
* Worked in **JIRA Agile** Projects like creating **Scrum/Kanban** boards, configured swimlanes and columns, Created Quick Filters using **complex JQL** and Reports for **Sprints**.
* Experience in**JIRAinstallation**, administration and maintenance.JIRA Configuration Management.
* Defined and Implemented **CM and Release Management Processes**, Policies and Procedures.
* Worked on **Amazon Web Services** (EC2, ELB, VPC, S3, CloudFront, IAM, RDS, Route 53, CloudWatch, SNS,).
* Experience in developing responsive single page web applications using a client side javascript framework (React/Redux), a server side framework (NodeJS) and NoSQL databases (**MongoDB).**
* Implementation and Deployment of **UrbanCode/Udeploy** application to dynamically deploy Company Website Build's.
* Used **Maven** dependency management system to deploy snapshot and release artifacts to **Nexus** to share artifacts across projects.
* Actively monitor, research and analyze ways in which the services in AWS can be improved.
* Installed and Setup Web Servers (**Apache and Tomcat), DB Server (MySQL**).
* Worked on the Oracle databases in the backend to execute the **DMLs** and **DDLs.**

**Environment**: Jenkins, Chef, HPSM, AWS,Puppet, VMware VSphere client, ISRM, SVN, Shell/Ruby Scripts, SCM, GIT, Maven, Tomcat, Nexus

**Client:CVS Caremark, Cincinnati, OH Sep'2012- Jan'2014**

**Role:Devops Engineer**

**Responsibilities:**

* Participated in the release cycle of the product which involved environments like Development QA UAT and Production
* Regular Build jobs are initiated using the Continuous Integration tool with **Jenkins.**
* Wrote **Puppet** manifests for deploying, configuring, Installshield and managing collected for metric collection and monitoring.
* Develop and implement an automated Linux infrastructure using **Puppet**.Wrote **Puppet models** for installing and managing java versions.
* Wrote a **Python** plugin for collected to write metrics.
* Deployed **Puppet, Puppet Dashboard and PuppetDB**for configuration management to existing infrastructure.
* Experience in developing responsive single page web applications using a client side javascript framework (React/Redux), a server side framework (NodeJS) and NoSQL databases (MongoDB).
* Implementation and Deployment of **UrbanCode/Udeploy** application to dynamically deploy Company Website Build's.
* Developed and delivered Oracle ATG Commerce solutions in versions 10 and 11.
* Developed the DevOps build and Deployment parts using **UrbanCode**.
* Owner of Jenkins, **GitHub**, Puppet, Artifactory, and all internal build systems for the core development team on an enterprise-level Java-based cloud orchestration/automation tool.
* Creating user level of access for related **GitHub** project directories to the code changes.
* Implemented automated local user provisioning in instances created in **Openstack cloud.**
* Deploying the **Openstack** components on multimode with high availability environment.
* Configured **Jenkins** for doing the build in all the non-production and production environments. Worked extensively on CVS, Subversion as Version Control.
* Handled **Jira tickets** for SCM Support activities.
* Used Artifactory repository tool for maintaining the Java based release code packages.
* Written **Shell scripts** to apply the Integration label to all the files which needs manual labelling of files.
* Assist the teams of Global Specialty transition into Agile software development best practices including utilizing **CI/CD** pipelines, automated testing frameworks and TDD.
* Experience in Managing and reviewing **MongoDB** log files
* Used popular **Node.js** frameworks like Express to create a Restful Mock API
* Configured the user’s accounts for Continuous Integration – **Jenkins, Nexus and Sonar**.

**Environments:** Java/J2ee, Puppet, OpenStack, Ant, Maven,Subversion, UNIX, SVN, Bamboo, Nexus Pro, Sonar, Jira, Remedy, Python, Ruby, Shell Scripts, Tomcat, Jenkins.

**Client: Raymond Spencer,StPetersburgh,FL Aug’2011- Aug'2012**

**Role :Buid&Release Engineer/Java**

**Responsibilities:**

* Created and deployed builds to different environments based on requests.
* Converted and automated builds using **Maven** and **Ant**. Scheduled automated nightly builds using **Jenkins**.
* Used Puppet for Continuous Delivery. Managed **CI and CD** process and delivered all application in rpms.
* Designed necessary backend**Java** classes to support data access and user authorization.
* Involved in all phases of software life cycle including Requirements Gathering, Designing, Development, Testing and Debugging of **Java**/**J2EE** Application
* Strong development experience in**Java**, **J2EE, Servlet, JSP, Struts, JDBC,Java Beans, JMS, JNDI,** XML, XML Schema, Web Services, JUnit, Maven.
* Implemented **MVC** Architecture using Struts Framework.
* Involved in the coding of generating the Actions, Action Forms.
* Wrote Client side validation using Struts Validate framework and**Java** script.
* Developed the User Interactive web pages in a professional manner with using web technologies like **HTML, XHTML, and** CSS as per company's standards.
* Developed various daily jobs using **PL/SQL** stored procedure to update notification status in multiple tables.
* Experience in Security Hardening in **UNIX, Linux** and Windows servers.
* Experience with **HTML5, CSS3,** JavaScript, jQuery, AJAX, JSON, JSON.
* Created WSDL and REST based Web services for adding, modifying and deleting trading partners.
* Debugged and enhanced performance of the web application.
* Strong Experience in dealing with CSS Animations, Backgrounds, Layouts, Positioning, Text, Border, Padding and CSS Box Model
* Created UCM Projects, Development and Integration views for Development and Integration Streams.
* Managed **GIT and SVN** as Source Control Systems

**Environments:** Java/J2ee, Eclipse, Chef, AWS (Amazon Web Services) Ant, Maven, Subversion, SVN, GIT, Python, Ruby, Nexus, Sonar, Jenkins, PERL, BASH, Solaris, UNIX.

**EDUCATION:**Bachelor of Technology in Computer Science and Engineering from JNTU University, India.