**Gopichand**

AWS-DevOps Engineer.

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## CAREER OBJECTIVE

### Aim to achieve professional excellence in my career with a leading corporate, committed and dedicated people, which will help me to realize my potential to work as a key player in a challenging and creative environment.

## PROFESSIONALSUMMARY

* Having 2+ years of experience in IT Professional , Software Configuration Management, Build and Release Management , Pipeline configuration.
* Strong and progressive experience in the server installation and administration of **Red Hat Linux**, **Centos**, **VMware** environment.
* Experience in Shell **Scripting** for batch processing and processing of text files.
* Perform administrator activities for the **GIT** and maintain access control smooth and functioning.
* Proven experience on Branching, Merging and GIT Reset concepts in Version Control tool like **SVN** and **GIT**.
* Administration/Maintenance experience of source control management systems, such as **Sub Version (SVN)** and **GIT.**
* Good experience in creating packages like WAR, EAR, JAR using ANT and MAVEN build tool.
* Complete understanding of **AWS**, experience in implementing new **AWS EC2** instances and working with **EBS, S3** storage, **VPC, RDS, ELB,** Auto Scaling, Cloud Front, Cloud Formation, Route53, IAM, Elastic Cache, **Cloud** Watch, **SNS**, AWS Import / Export.
* Executed a Continuous Delivery pipeline with Jenkins, **GitHub** and AWS AMI's, results in generating of **Docker** container whenever a new GitHub branch gets started.
* Hands on experience in automating build process using JENKINS Tool.
* Worked on Jenkins CI tool- Configured Jobs for Nightly & Milestone builds.
* Supporting scheduled builds and nightly builds using scripts and tools.
* Deployed different Applications (WAR, JAR, and EAR) in Domain and QA, Per, UAT, PROD environments.
* Experience in Build, Package and Deploy to all the environments by targeting to Web Logic and Tomcat Servers.
* Good Understanding of Software Development Life Cycle as well as Agile methodology.
* Exposure to administration of server such as **Tomcat** and **WebLogic**.
* Good understanding of defect and change tracking tool such as **JIRA**.
* Experience with Infrastructure &configuration management via **Chef** and **Ansible**
* Good knowledge in writing up of puppet **manifest** files and ansible **playbooks.**
* Experience in supporting applications on different platforms Windows and Linux environments.
* Good understanding of Database Management Systems (oracle).
* Effectively co-ordinate with various functions development, testing, environment management, helpdesk within the organization throughout the **SDLC**.
* Followed best practices, optimize processes, adapt new technologies, quick learner and hardworking individual.

## TECHNICAL SKILLS

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| **Operating Systems** | Windows, Linux |
| **Version Control Tools** | SVN,GIT |
| **Build Management Tools** | ANT, Maven |
| **Scripting Languages** | Shell Script |
| **Application Servers** | Apache Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Web Server** | Apache HTTP |
| **Bug Tracking Tool** | Jira |
| **Virtualization Tools** | Docker |
| **Configuration Management Tools** | Chef, Ansible |
| **Cloud Tools** | AWS |

**Professional Experience:**

* Working as the DevOps AWS Engineer in **FX ABS Software Solutions Pvt. Ltd**. From Aug 2019 to Till date

**PROJECTS:**

**Project-1:**

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| **Client** | **OSI** |
| **Role** | **AWS- DevOps Engineer** |
| **Operating System** | **Windows, Red Hat Linux** |

**Description:**

OSI Digital accelerates digital transformation by offering integrated solutions that capture, develop, secure, integrate, analyze and optimize data. Throughout the data lifecycle, our services include the design, development, and implementation of new solutions as well as the ongoing maintenance and support of existing business systems.

**Responsibilities**

* Experienced in Configuration Management, Cloud Infrastructure, and Automation utilizing Amazon Web Services (AWS), Maven, Jenkins, GitHub, Ansible and Tomcat.
* Setup and build AWS infrastructure various resources like VPC, EC2, RDB, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Used Amazon Route53 to manage DNS zones and also give public DNS names to elastic load balancers IP's and AWS Beanstalk for deploying and scaling web applications and services.
* Expertise in Amazon AWS Cloud Administration which includes services like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Watch, Cloud Formation, Security Groups, etc.
* Developed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB, Security Groups.
* Enabling customers to manage better software development, deployments, and infrastructure with tools such as Ansible, Jenkins and GitHub.
* Experience in automated deployment of EC2 instances in data centre's and availability zones.
* Used security groups to develop a logical firewall to ensure high security for control applications.
* Integrated GIT into Jenkins to automate the code check-out process.
* Developed and scheduled bash shell scripts for various activities (deployed environment verification, running database scripts, file manipulations, Subversion, etc.
* Interacted with supporting teams to understand client deployment requests.
* Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Attended sprint planning sessions and daily sprint stand-up meetings.
* Created jobs for tagging and branching.
* Configured application servers (Tomcat) to deploy the code.
* Created and configured multiple instances on Tomcat Server for different teams.
* Configured Tomcat application server for hosting web apps.
* Configured plug-ins for the integration tool to the version control tool.
* Utilize Jira for issue reporting, status, and activity planning.
* Educate and mentor the engineering team on the organization’s build systems and processes.
* Extensively used Maven tool to do the builds, integrated Maven to Eclipse.
* Integrated Maven, Jenkins for the builds as the Continuous Integration process.
* Build Java code in different Jenkins servers as per the schedule.
* When required applied patches as per release process.
* Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
* For New applications, work with development team to get the requirements of application build and deployment process.
* Once the process KT is complete from development team, write build and deployment scripts according to SCM team standards and processes to QA, IST, and UAT Environment.
* After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build calendar.
* Create and maintain scripts for automating common activities.
* Prepared and Maintained Build, Release and Deployment documents.

**Project-2:**

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| **Client** | **DemDaco** |
| **Role** | **DevOps Engineer** |
| **Operating System** | **Windows, Red Hat Linux** |

It started in 1993 when Demi and Dave created DD Traders while in Hong Kong. After a few years, they moved back to the United States while still managing DD Traders. Born out of a love and interest for the gifting industry, in May of 1997, DEMDACO was founded. Demi and Dave contacted three artists and asked if they’d want to help start a gift company—and the rest is history! After a few years, Willow Tree® launched and nothing has ever been the same. It has been the #1 gift line in the industry since 2000.

**Responsibilities**

* Administered Subversion (SVN) repositories source tree and user account administration, branching, merging, patch fixes, snapshots, and training users on the systems.
* Managed daily builds and releases to all the environments.
* Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Working and periodically meeting with Enterprise Architects, Project Managers, Scrum Master, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management solution.
* Experienced in defining various branching, labelling and merging strategies.
* Experienced in defining various build and release workflows.
* Configure and maintain the scheduled tasks like thread dumps, log files backup.
* Web logic server performance and tuning, reduces the application time.
* Monitoring all the domain resources, servers, clusters, JMS, Connection Pools.
* Created and configured JMS Connection factories, Queues & Topics.
* Starting, stopping managed servers, admin servers as per the monitoring status.
* Prepared ANT builds and integrated to CI Environment for build automation activity.
* Installed and configured Jenkins with different tools (plug-ins) for continues integration process.
* Installation and configuration of Tomcat and web sphere for different project teams.
* Quick resolution to the build failures by coordinating with different stakeholders.
* Build and deployed J2EE application in Web sphere from Jenkins by invoking required scripts.
* Setting up deployment regions and automate deployment process to release environments.
* Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.
* Automated nightly build, test, and reporting mechanisms using Jenkins.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Monitoring All servers.

**DECLARATION:**

I hereby declare that the particulars given here are true to the best of my knowledge.