**Jayaprakash**

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**Professional Summary**

* Over **3** years of IT experience **Build and Release/DevOps Engineering** in automating, building, deploying, and releasing of code from one environment to another environment.
* Experienced in working on **Devops**/**Agile** operations process and tools area (Code review, Build & Release automation, Environment, Service, **Inciden**t and **Change Management).**
* Experience in working on source controller tools like Sub version **GIT.**
* Extensively worked on Jenkins, Team City for continuous integration and for End to End automation for all build and deployments.
* Having good Experience in DevOps tools like **ANSIBLE** for deployment.
* Exposed to all aspects of software development lifecycle (SDLC) such as Analysis, Planning, and Developing, Testing, and Implementing Post-production analysis of the projects.
* 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.
* Experience in Implementing Continuous Delivery pipeline with **Docker**, **Maven**, **Jenkins** and **AWS**.
* Proficient with cloud services like Amazon Web Services.
* Experience in running web scale services on **Amazon Web Services**.
* Ability in development and execution of **XML, Shell Scripts.**
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Having good Experience in **ANSIBLE** for Deployment on Multiple platforms.
* Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
* Expertise in trouble shooting the problems generated while building, deploying
* Strong knowledge on source controller concepts like Branches, Merges and Tags.
* Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
* Worked as AWS engineer, regular task is to maintain servers and health checks regarding monitoring tools and other services such as S3, EC2, Route53, load balancing.
* Servers maintained through Amazon EC2 service including start and stop.
* Created AMI images of critical ec2 instances as backup using AWS CLI and GUI.
* Configured and managing security groups and VPC.
* Configured and managing ELBs and Auto Scaling.
* Configured and managing S3 storage.
* Created RDS database.
* Deployed all WAR and JAR and Static Websites in Apache Tomcat using hot and cold deployment.
* Involved in applying the Up gradation of Apache and Tomcat servers.

**Current organization:**

Working as a **DEVOPS** Engineer at TAVANT Technologies **(Hyderabad).**

**ACADEMICS:**

**Bachelor of technology (B.tech) from Vignan University-Guntur**

**Technical Skills:**

* Web Server : **Apache**
* Cloud technology : **AWS (EC2 instance,VPC,S3 Bucket …)**
* Operating Systems : **Linux ,Windows Server**
* Databases : **Oracle 11g , My-Sql**
* Deployment CI/CM/CD Tools : **Jenkins, Ansible**
* Built Tools : **Maven**
* Monitoring Tools :  **Nagios**
* Source Repository : **GitHub , Git**
* Scripting tools : **Shell Script, YAML...**
* Application servers : **Apache Tomcat**
* Infrastructure tool : **Terraform.**

**Professional Experience:**

**Client: Mitsui**

**Role: DevOps Engineer**

**Responsibilities:**

* Involved in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure utilizing ANSIBLE with **AWS Cloud Formation** and **Jenkins** for continuous integration.
* Design & implemented **VPC** service for extension of customer's on-premises data center with **AWS** Cloud using **AWS VPC** and **VPN**& Direct connect services.
* Implemented and maintained **ANSIBLE** Configuration management spanning several environments in **VM**ware and the **AWS** cloud.
* Launching Amazon **EC2** Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Hands on with **ANSIBLE** Manifest files to deploy automated tasks to many servers at once.
* Performing Manifests to update the **ANSIBLE** agent using **Ansible** Master.
* Experience in Creating secured cloud infra using (**VPC**) for Staging and Development environment on **AWS**.
* Managing Linux, **VM**ware and **AWS/VM**'s.
* Extensively worked on **Jenkins**, for continuous integration and for End to End automation for all build and deployments.
* Written **Ansible playbooks**, recipes to automate installation of Middleware Infrastructure like **Apache Tomcat, JDK** and configuration tasks for new environments etc.
* 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.
* Installed **Jenkins** on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Manual Installation and configuration of **Web login**, **Tomcat** and **Apache** servers.
* Hands on experience in installing and administrating **CI** tools like **Jenkins** and **GIT**.
* Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route53, S3, RDS, Cloud Watch, Cloud Front IAM, AWS Code Deploy, SNS, and VPC
* EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
* Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route53, S3, RDS, Cloud Watch, Cloud Front IAM, AWS Code Deploy, SNS, and VPC.

**Environments:** Linux, Jenkins, Docker, GIT, Tomcat Server, Apache Server, Shell, Ansible, AWS **.**

**Client: Kurimoto Role: DevOps engineer**

**Responsibilities:**

* Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Responsible for designing and deploying best SCM processes and procedures.
* Designing and implementing fully automated server build management, monitoring and deployment By Using Technologies like Ansible.
* Installed, configured & administered Jenkins CI tool on Linux machines; setup Master-slave architecture to improve performance and used Jenkins for CI & CD into Tomcat Application Server.
* Provisioned and configured Tomcat and Apache instances using Shell in deploy.
* Invoke Build in Maven and deploy to target servers.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Experience working with continuous delivery and build clouds with Open stack and AWS.
* Worked closely with software developers and DevOps to debug software and system problems.
* Deployed Ansible playbooks for configuration management to existing infrastructure.
* Used Ansible to automate Configuration management.
* Used Ansible to manage Web Applications, Configuration Files, Data Base, Commands, User’s Mount points, Packages.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Used Subversion as source code repositories and Managed GitHub repositories for branching, merging, and tagging.
* Analyse and resolve conflicts related to merging of source code for GIT.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
* Deployed Java/J2EE applications to Application servers in an Agile continuous integration environment and also automated the whole process.
* Verified if the methods used to create and recreate software builds are consistent and repeatable..

**Environments**: Maven, Ansible, Linux, AWS, Shell, GIT, Jenkins, Tomcat.

V.Jayaprakash