

AWS and Devops Engineer

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Professional Summary :-

- Around 3.6 years of IT Industry experience with **Configuration Management, Deploy, Build and Release Management, AWS and DevOps Methodologies.**
- Experience in working on source controller tool **GIT**.
- Extensively worked on Hudson, Jenkins for continuous integration and for End to End automation for all build and deployments
- Experience in implementing continuous delivery (CD) pipeline with **Docker, Maven, Jenkins, GitHub** and **AWS** AMI's in Linux environment.
- Responsible in managing all aspects of the software configuration management process including code compilation, packaging, deployment, release methodology and application configurations.
- Having good Experience in DevOps tools like **Ansible** tool for deployment.
- Experience working on several Docker 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**.
- Experience in using AWS including creating buckets, loading data into the buckets, **Elastic Load Balancer, S3, Volumes, Route 53, VPC, Auto Scaling, RDS, IAM.**
- Experience in using Bug tracking tool **JIRA**.
- Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
- Experienced in **Amazon EC2** setting up instances and setting up security groups.
- Setting up data in AWS using S3 bucket and configuring instance backups to S3 bucket.
- Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GitHub on Linux and windows platforms. Maintained and administered GIT source code tool. Imported and managed multiple corporate applications into GitHub code management repo. Creating user level of access for related GitHub project directories to the code changes.
- Experience in implementing continuous delivery (CD) pipeline with **Docker, Kubernetes, Maven, Jenkins, GitHub** and **AWS** AMI's in Linux environment.
- Writing Shell scripts for Automated Back- ups and Cron Jobs.
- Involved in the functional usage and deployment of applications in **Apache Tomcat Server**.
- Ability to troubleshoot any issues generated while building, deploying and in production support.
- Ability to work closely with teams, in order to ensure high quality, timely delivery of builds & releases.

Experience :-

- Currently Working as Devops Engineer, in Stratycon technologies private limited.

Technical Skills :-

Operating Systems	: RHEL, Centos, Ubuntu, Windows Server.
Source control tools	: GIT
Build Tools	: Maven
CI/ CD Tools	: Jenkins
CM Tools	: Ansible
Tracking tools	: Atlassian Jira
Web/ Application Servers	: Apache, Tomcat
Databases	: Oracle, SQL SERVER, MY SQL
Virtualization Tools	: Docker, Kubernetes
Monitoring Tool	: Nagios
Scripting	: Shell
Cloud Platform	: AWS IAM, EC2, S3, Auto Scaling, VPC, Route 53.

Career Experience :-

Role: DevOps Engineer

Environments:- Linux(Ubuntu), AWS (EC2, S3, VPC, ELB, Terraform, Route 53, AMI), Maven, Git, Ansible, Docker, Kubernetes, GitHub, Jira.

Responsibilities :-

- Worked on variety of UNIX platforms **Ubuntu 18.0x** which includes installation, configuring and maintenance of applications for prod/stage/dev environments.
- Working with cloud endure for migration and DR with AWS.
- Analyse, plan and execute complex client requirements effectively.
- Performing cloud migrations from (physical, virtual and cloud based) to cloud
- Monitoring and reporting statistics of data in sync source and remote replication sites
- Implementing DR service with AWS
- Working with AWS Cloud Services EC2 , Security Groups, Elastic IP's, Load balancers, Auto scaling groups, S3, EBS, VPC, Cloud watch, IAM, .
- Use Terraform to manage and provision **Infrastructure as Code**.
- Maintaining user, groups, Roles, Policies with Amazon Identity Access Management (IAM)
- Working with DevOps tools **GITHUB/Jenkins/Anisble/Docker/Kubernetes/Maven**.
- Creating the automated build and deployment process for application and leading up to building a **continuous integration** system for all our products using **Jenkins**.
- Troubleshoot the build issues during the **Jenkins** build process.
- Implementing a **Continuous Delivery** framework using **Jenkins, and Maven & Nexus** in Linux environment.
- Following Agile methodology
- Installation and administrations of Linux Operating Systems (**Ubuntu, CentOS, Red Hat**)
- Used to write some **Ansible** scripts.
- Configuration management and deployments using **Ansible**
- Creating File system, partitions for EBS volumes and mounting them on mount points.
- Reporting regular status in standup calls.

Role: Build and Release Engineer

Environments: Java/J2ee, Maven, GIT, Jenkins, Jira, Linux, Shell Scripts, Apache Web Server.

Responsibilities :-

- Responsible for the building and deploying the artifacts into DEV, SIT and QA Environments.
- Management of Customer Requirements and documentation of the Project Plan as per the requirements.
- Responsible for designing and deploying best **SCM** processes and procedures.
- Updated Release reports from change management control.
- Maintained and Administered **GITHUB** Source Code Tool.
- Created Branches, Labels and performed Merges in Stash and **GITHUB**.
- Developed build and Deployment Scripts using **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
- Implemented **Maven** builds to automate JAR and WAR.
- Installed and administered Artifactory repository to deploy the artifacts generated by **Maven** and to store the dependent jars, which are used during the build.
- Integrated **GITHUB** into Jenkins to automate the code check-out process.
- Used **Jenkins** for Automating Builds and Automating Deployments.
- Managed Build results in **Jenkins** and Deployed using workflows.
- Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
- Used **JIRA** for change control & ticketing.
- Worked closely with software developers and DevOps to debug software and system problems.
- Formulated and executed designing standards for DNS servers.

Education :-

Jawaharlal Nehru Technological University, Kakinada, INDIA.

Master of Technologies in ECE (Embedded Systems) , 2018.