

Pavani Chennadi
DevOps Engineer
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PROFESSIONAL SUMMARY

Environment: AWS Cloud, Apache Tomcat, Linux, Ansible, GIT, Maven, Jenkins.

- Overall **2.5+** Years of extensive work experience in IT industry on DevOps and Cloud Engineer.
- Extensive experience in automation of Version Control Systems like Git, to manage source code effectively.
- Experience with multiple operating systems, including UNIX, Linux.
- Hands on experience using Amazon Web Services (AWS) like EC2, IAM, ELB, EBS, S3, Auto scaling.
- Experience in configuring Elastic Load Balancer (ELB) with EC2 to maintain the load balance on servers.
- Creating AMIs, Snapshots, and Volumes and managing EBS Volumes.
- Configured and automated the Jenkins Build jobs for Continuous Integration.
- Experience in maintaining application servers like Apache Tomcat etc.
- Experience establishing and employing Continuous Integration practices and tools such as Jenkins.
- Used MAVEN as a build tool on java projects for the development of build Artifacts on the source code.
- Experience with automation and configuration management Ansible.
- Experience on Jenkins, Ansible, AWS, UNIX/Linux environment.
- Hands on Experience on building CI/CD pipeline with the help of Jenkins and versioning artifacts.
- Experience in DevOps Engineering in automating, building and deploying of code within different environments (Dev, QA, UAT, Prod).
- Experience working on several **Docker** components like **Docker** Hub, creating **Docker** images, Compose, **Docker** Registry.

TECHNICAL SKILLS:

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|---------------------------------|-----------------------|
| ● Web Server | : Apache |
| ● Cloud technology | : AWS (EC2, VPC, S3.) |
| ● Operating Systems | : Linux |
| ● Databases | : My-Sql |
| ● Deployment CI/CD Tools | : Jenkins |
| ● Built Tools | : Maven |
| ● Monitoring Tools | : Nagios, Cloud Watch |
| ● Source Repository | : GitHub , Git |
| ● Scripting tools | : Shell Script |
| ● Application servers | : Apache Tomcat |
| ● Configuration management tool | : Ansible |
| ● Containerization tool | : Docker. |

PROFESSIONAL EXPERIENCE:

- Currently working with **Accenture, Hyderabad** from **July 2019** to till date.

EDUCATIONAL DETAILS:

- **B. Tech (CSE)** from Jawaharlal Nehru Technological University, Hyderabad-**2018**.

PROJECT SUMMARY:

Project Title : **Data Mapper**
Role : **DevOps Engineer**

Roles and Responsibilities:

- Create and maintain the cloud infrastructure, specifically AWS.
- Involved in Architect, build and maintain Highly Available secure multi-zone AWS cloud infrastructure utilizing ANSIBLE and Jenkins for continuous integration.
- Design & implemented VPC service for extension of customer's on-premises data centre with AWS Cloud using AWS VPC and VPN.
- Implemented and maintained ANSIBLE Configuration management spanning several environments in VMware and the AWS cloud.
- Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
- Experience in Creating secured cloud infra using (VPC) for Staging and Development environment on AWS.
- Managing Linux, VMware 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 Hub, 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, 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, IAM, SNS, and VPC
- EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.

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

Project Title : Genesis HealthCare
Role : AWS-DevOps Engineer

Roles and Responsibilities:

- Installed application on AWS EC2 instances, also configured the storage on S3 buckets.
- Creating users in IAM with specific permissions to restrict the usage of AWS components without authorized permissions.
- Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
- Performed S3 buckets creation, policies and also on IAM role based policies.
- Setting Cloud Watch Alarm for monitoring & integrating it with ELB, EC2, Auto scale etc.
- Experience in configuring Auto Scaling Groups with EC2 so that to increase/decrease the no. of instances when required.
- Installed, Configured, Managed and Created different Build and Deployment Jobs in Jenkins.
- Build Management - Experience in tools such as Jenkins, Maven for build management
- Hands on experience with Configuration Management Tool such as Ansible
- Experienced in build automation, Project Management tool as Maven.
- Used Jenkins, for Continuous Integration and deployment into Tomcat Application Server.
- Branching, tagging, release activities on version control tools like GIT & Git Hub
- Responsible for supporting 24X7 in production and non-production environments.

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