**Mahesh Ch**

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**Professional Summary:**

* Trained as **DevOps with AWS** which includes having **6+ Months** of proven lab experience in **DevOps** & **AWS**.
* Hands-on Knowledge in manage, improve, and monitor cloud infrastructure on **AWS, EC2, S3, VPC, Cloud watch, ELB, Autoscaling, IAM including backups, patches, and scaling.**
* Proficient in automating build and configuration process using tools like Maven, Jenkins and Ansible.
* Hands-on Knowledge in working on source control tools like GIT and GitHub via creating branches as per application requirement and worked on git pull, git push, git merge, git rebase and other important commands.
* Hands-on Knowledge with SonarQube with integrate with Jenkin’s automate the code scanning through quality gates.
* Hands-on Knowledge in Artifact Tools like Nexus using to tack backup.
* Hands-on Knowledge in **CI/CD** tool like Jenkins concepts like integrating with all tool like ( **Git**, **GitHub**, **Maven**, **SonarQube**, **Nexus**, **Tomcat**, **Ansible**, **Docker**), automate the job’s like (freestyle, Pipeline ).
* Hands-on Knowledge in CD tool Tomcat using to deploy application.
* Build Deploy workflows for deployment automation of JAVA applications.
* Hands-on Knowledge with DevOps tools like Git, GitHub, Maven, SonarQube, Nexus, Jenkins, Ansible, Docker, Kubernetes.
* Hands-on knowledge with Ansible integrated to deploy application after infrastructure build using playbooks.
* Hands-On knowledge with Docker concepts like creation of Images, Containers, Networking, Volumes. And able to manage the docker compose.
* Hands-on Knowledge in Software Development Life Cycle (SDLC) of Projects – Requirement gathering, Analysis, Design, Coding, Testing, and implementing business applications.

**Education:**

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| --- | --- | --- | --- |
| **Course** | **Board/University** | **Year of Passing** | **Marks%** |
| B.Tech | JNTU, (Kakinada) | 2021 | 60 |
| Intermediate(+12’th) | BOI | 2015 | 68 |
| S.S.C | BSE | 2013 | 73 |

**Skill Set:**

|  |  |
| --- | --- |
| **DevOps** | GitHub, Maven, Nexus, Ansible, Jenkins, SonarQube, Shell Scripting, Docker, Kubernetes. |
| **Platforms** | Windows, Ubuntu, Linux |
| **Cloud Provider** | Aws, (EC2, VPC, IAM,S3, EBS,EFS,ELB,ASG |

**Project Thesis POC:**

**Project #1**

Project Name**: Dynamic App.**

Role**:** **DevOps Fresher.**

**Roles and** **Responsibilities:**

* We created the sample architecture for this “Java Application” which should be
* Based on the project provided Highly Available for the application.
* Created the VPC Design
* App Servers & Databases Should Be in Private
* Database from RDS i.e enable Multi AZ Failover
* Create a Classic Load Balancer to get HA, Used Fault Tolerant
* Manage AMI's, Manage Launch Configs, Manage Auto Scaling Group
* We following the Scalable rules as mentioned below
* CPU beyond 80% Should Step Up instance count
* CPU below 20% Should Step Down instance count
* Min - 2 Instances, Max - 5 Instances, Secured, All my servers are private in nature, My Application is Java App.
* Hands-On experience with Jenkins automation jobs like (freestyle, Pipeline, Plugins, Configurations) End to End process handling.
* Recently working in small projects **Dynamic App** as implemented using (Like **AWS, EC2, AMI, S3, EBS, EFS, ELB, ASG)**
* Hudson and **Jenkins** for continuous Integration and End-to-End automation for all builds and deployments.
* Experienced in Amazon Web Services (AWS) cloud platform and services like Lambda, DynamoDB, EBS, ELB, AMI, Elastic Beanstalk, CloudFront, CloudWatch, SNS, Glacier, Auto-Scaling, IAM, Route53, EC2, S3, RDS, VPC, VPN, Security- Groups, and through AWS management console.
* Hands-on Experience with DevOps tools like (Git, GitHub, Maven, SonarQube, Nexus, Tomcat, Ansible, Docker, Kubernetes).