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**PROFESSIONAL SUMMARY:**

* Around 5 years of experience in DevOps technologies Git, Jenkins, Ansible, SonarQube, Nexus, Docker, Kubernetes and AWS Cloud.
* Managing AWS instances via monitoring tool and action the alerts accordingly.
* Strong Experience in Amazon EC2 setting up instances, VPCs, and security groups.
* Setting up databases in AWS using RDS and DocumentDB, storage using S3 buckets and configuring instance backups to S3 bucket.
* Implemented a CI/CD pipeline involving Git, Jenkins for complete automation from commit to deployment.
* Hands on experience with configuring continuous integration within a development environment using tools such as Jenkins, Ansible, Git.
* Installed and Configured Open Source Artifact Repositories.
* Hands-on experience with Docker Containers for application deployment.
* Experience in deploying applications on to their respective environments using Elastic Beanstalk.
* Created CI/CD Pipelines and integrated with Kubernetes, docker and Jenkins.
* Experience in Kubernetes, docker container management and orchestration to host applications and implement CI/CD process for k8s, docker.
* Worked on Log search tools like Elastic search and Kibana (ELBK)
* Worked with the docker images for building configuring the pipeline for CI/CD to docker build.
* Doing extensively docker images deployed on Kubernetes cluster Monitor the docker container logs using Kibana.
* Hands on Experience in Infrastructure Virtualization and app isolation using Docker.
* Sound Knowledge in Dockers Components like Hub, Networking and Volumes.
* Working on clustering methodologies tool like Kubernetes and Docker Swarm.
* 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.
* Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling.
* Used the AWS CLI to suspend an AWS Lambda function. Used AWS CLI to automate backups of S3 buckets, EBS.
* Created alarms in Cloud watch service for monitoring the server performance.
* Implemented, deployed and maintained cloud infrastructure using AWS.
* Setup/Managing Database on Amazon RDS. Monitoring servers through Amazon Cloud Watch, SNS.
* Creating/Managing AMIs, Snapshots and Volumes Upgrade Downgrade AWS resources (CPU, Memory, EBS)
* Creating IAM Users and Groups and Maintain the users Access management and Permissions.
* Launching static website using EC2 instance or ELB and S3 Bucket.
* Configuring topics for email and SMS in AWS simple notification services.
* Configuring topics for email and SMS in AWS Simple Notification Services (SNS).
* Installing and configuring applications on AWS EC2 Instances.
* Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS).
* Extensively worked using AWS services along with wide and in depth understanding of each one of them.
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Experienced in implementing Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of Amazon Web Services.
* Gained experience in deploying applications on to their respective environments using Elastic Beanstalk.
* Implemented automation using Configuration Management tools like Ansible, worked with Docker container infrastructure to encapsulate code into a file system with abstraction and automation.

**PROFFESIONAL EXPERIENCE:**

* Working as a **DevOps Engineer and Build Release** **Engineer** in **Infosys Technologies,** Bangalore from Jul 2018**-**Present.

**ACADEMIC PROFILE:**

* **B.Tech** from Jawaharlal Nehru Technological University**,** Kakinada.

**Technical Skills:**

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| --- | --- |
| Operating Systems | Red Hat Linux, ubuntu, Windows |
| Cloud Skills | AWS (EC2, ELB, VPC, RDS, IAM,S3, Cloud Watch, Cloud trial, SNS, EBS) |
| Infrastructure As Code | Terraform |
| Configuration Management Tools | Ansible |
| CI/CD | Jenkins |
| Containerization tool & technology | Docker, Kubernetes |
| DevOps Tools & technology | Gitlab, GitHub |
| Repository Management | Nexus, Jfrog |
| Automation and scripting | Python |
| Web Server | Apache, nginx |
| Monitoring Tool | Nagios, Cloud Watch,Prometheus,Grafana. |
| Bug Tracking Tools | ServiceNow, JIRA |
| Build Tools | Maven, Ant |

**Project #1**

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| --- | --- |
| Title | IBC UM Health Application |
| Client | Highmark Health Insurance Organization |
| Duration | Nov 2021- Current. |
| Role | DevOps Engineer, Build and Release Engineer |
| Team Size | 3 |
| Project Environment | Maven, Git, Jira, Jenkins, Sql, Aws, Docker, Ansible, Kubernetes,  Nexus, SonarQube, Terraform,Python, Grafana/prometheus. |

**Project Description:** It is the largest health insurer in United States. This project is to develop the UM application for Minnesota State Insurance organization by following Highmark application (Highmark Health Insurance Organization agreed to give support to Minnesota State Insurance Organization by building like HMK UM application according to policies of MN).

**Responsibilities:**

* Performing Pre Build activities & Post Build activities by coordinating with development team to fix the Build related issues.
* Automate Continuous Build and Deploy Scripts for Jenkins Continuous Integration tool.
* Integrating Git with Jenkins and Nexus repository in continuous integration and configured Jenkins jobs with Poll SCM build trigger.
* Deploying multiple servers by containers using Kubernetes,Docker swarm.
* Branching, Merging, Tagging, Release Activities on Version Control Tools: GIT, GitHub.
* Creating Docker images with Dockerfile and managing them in Docker hub registry.
* Creating continuous delivery pipeline through multiple Jenkins-plugins for faster deployments.
* Creating Docker-compose file and deploying services in Docker swarm.
* Creating docker containers and attaching docker volumes.
* Managed and supported AWS ec2 instances launching, Security related issues such as IAM and S3 policies for user access and creating VPC ,Subnets.
* Creating pods ,services and expose deploying in kubernetes.
* Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
* Established infrastructure and serivce monitoring using Grafana and prometheus.
* Installing and configuring Sonarqube with quality gates for static code analysis.
* Doing health checkup to the application servers to make sure the application is stable.
* Creating the Build jobs in Jenkins and install plugins ,msonitor status of daily build.
* Maintained Jira for bug tracking and monitored consistently.

**Project #2**

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| --- | --- |
| Title | Banking Sales and Distribution(SND) |
| Client | VISA |
| Duration | July 2018- Sep 2021 |
| Role | Build and Release Engineer |
| Team Size | 4 |
| Project Environment | Maven, Git, Jira, Teamcity, Sql, Aws, Jenkins, Docker, Corejava, Terraform, Ansible. |

**Project Description:** This is a product that involves delivery and transfer of ownership of products or services to the retailer via sales/transfer, maintenance of stock. The system also allows creation, modification, suspension, termination, promotion of all sales and non-sales users through User Interface and file upload. The system has the capability to provide all types of reports involving sales, users and stock. The system integrates various other external systems such as SAP, TIBCO, etc.

**Responsibilities:**

* Prioritized the tasks and assigned the work to corresponding team and ensure the end-users continue with their work smoothly without any issues
* Good understanding of the full software development life-cycle, including building, deploying and releasing of code from environment.
* Generating source code and compiling code packaging into JAR,WAR files in packaged in a Repository.
* Creating and maintaining documentation of resolved/critical issues as knowledge base for future reference.
* Handling daily build & deployment activities for the project.
* Launching Aws Ec2 Instances,Creating Iam and Employed S3-organizer store data to S3 buckets
* Responsible to creating branches for different parallel developments.
* Setting up Jenkins and new job configurations in Jenkins and Continuous Integration and Delivery plugin project in Jenkins for automation of daily deployment process.
* Deployed and configured GIT repositories with branching, Tagging, Merge requests, and Debugging the conflict issues in GIT.
* Deploying the Small applications in apache Tomcat server.
* Monitoring log files daily basis and reporting issues to development team.
* Validation post deployment steps like Junit test of the application and releasing the environment for testing team validations.
* Installing, configuring and Automation of deployment with **Terraform** with plan, apply and destroy Building the architecture components over AWS cloud **(Ec2-instance**, **subnets**, **VPC**, and **ELB, SG, IGW).**
* **Strong experience using Web Services and APIâ€™s in python**
* **Built Web application using Python, Django, Flask, JavaScript, AJAX, HTML and template languages.**
* **Utilized PyUnit, the Python unit test framework for testing the functionality of the application.**

**Declaration**:

I hereby declare that the above written particulars are true to the best of knowledge and belief.

Place: BANGALORE (mahaboobsubhani)