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**Manikanta** Phone:**+91-8296109013**

**PROFESSIONAL SUMMARY:**

* Over 4 years extensive experience in Software Development lifecycle as **Devops Engineer**, **Continuous Integration and Delivery Configuration Management**, **Builds Release Management and Cloud services and Containerization**.
* Hands on experience with DevOps tools **Maven, Git, Jenkins, Ansible, Docker, Kubernetes.**
* Good experience in writing **Python** scripts for automation.
* Good experience in AWS Services like **EC2,S3,VPC,IAM,EFS,SNS,Auto Scaling and Load Balancing** and many more.
* Good experience in deploying **Kubernetes** cluster via **EKS** Service.
* Managed deployment automation using **Terraform** to automate systems.
* Implemented **Infrastructure as code** (Iac) using **cloud formation** templates and **Terraform**.
* Good experience in different storage services for data storage.
* Good experience in securing AWS infrastructure by using VPC.
* Good experience in selecting appropriate cloud services to design and deploy an application based on given requirements in **AWS**.
* Builds, Configure, Manage and Coordinate all Builds and Release Management activities.
* Used **MAVEN** as build tools on Java projects for the development of build artifacts on the source code.
* Analyzing the quality of the code, security vulnerabilities, code coverage and providing the unit test cases using the **Sonarqube**  tool.
* Having good knowledge in cloud infrastructure and solutions using **Terraform**.
* Experience in deploying applications using **Docker Swarm, Kubernetes**.
* Experience in **Amazon EC2** in setting up instances, worked closely with infrastructure teams to troubleshoot complex issues and setting up security groups.
* Strong Knowledge in creating **Docker** **Containers** and **Docker volumes**.
* Experienced in working with Ticketing & Tracking tools like **JIRA**.
* Build pipeline for continuous integration and deployment using **Jenkins**
* Strong knowledge on **ANSIBLE** and Hands on experience in writing playbooks.
* Strong knowledge on **AWS** Services like **EC2, EBS, S3, IAM, VPC, Cloud watch, Load balancer, CloudFormation, Autoscalling.**
* Experience with analysis of **logs** and performing **root cause** for analysis various issues coming up on daily basis.
* Good Interaction with developers, managers and team members to coordinate job tasks and strong commitment to work.
* Strong knowledge and deployment experience in **Apache Tomcat** servers.
* Managing Build and releases to different environments like QA, Production, **Jfrog**.
* Good knowledge on **Linux** commands and **Python** basics.
* Ability to learn the master new technologies and also to deliver outputs in short deadlines.
* Build pipeline for continuous integration and deployment using **Jenkins**
* Strong knowledge on **AWS** Services like **EC2, EBS, S3, IAM, VPC, Cloud watch, Load balancer, CloudFormation, Autoscalling.**
* Experience in Creating Services & deploying applications using **Docker containerization** and **Kubernetes.**

**PROFFESIONAL EXPERIENCE:**

* Working as a **DevOps Engineer and Build Release** **Engineer** in **HCL Technologies,** Bangalore from April 2017**-**May 2021.

**ACADEMIC PROFILE:**

* **B.Tech** from Jawaharlal Nehru Technological University**,** Kakinada with **66**%

**Technical Skills:**

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| CI Tools | Jenkins |
| Databases | Oracle, Mysql. |
| Code Analysis Tools | SonarQube |
| Operating Systems | Windows, Linux and Mac. |
| Project Management Tool | Jira |
| Versioning tools | Git , Svn , GitHub, Bitbucket |
| Application Servers | Apache Tomcat |
| Cloud Computing Tool | Amazon web services. |
| Containerization | Docker, kubernetes. |
| Configuration Management | Ansible , Chef , Terraform |
| Languages and Scripting | Python |
| Monitoring Tool | Nagios |
| Framework | Eclipse |
| Repository Management | Nexus, Artifactory. |
| Build Tools | Ant, Maven |

**Project #1**

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| --- | --- |
| Title | Agent Care |
| Client | Anthem Inc.(Formerly WellPoint) |
| Duration | Jan 2020 – Present |
| Role | DevOps Engineer , Build and Release Engineer |
| Team Size | 3 |
| Project Environment | Maven, Git, Jira, Jenkins, Aws, Docker, Ansible, Kubernetes,  Nexus, SonarQube. |

**Responsibilities:**

* Performing Pre Build activities & Post Build activities
* Activities on Version Control Tools: **GIT, GitHub**.
* Hands on experience with DevOps tools **Maven, Git, Jenkins, Ansible, Docker, Kubernetes.**
* Having good experience on selecting appropriate **cloud services** to design and deploy an application based on given requirements.
* 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 different types kind of **AWS** instances for different environments.
* Deployed Kubernetes cluster via **EKS** service.
* Good expert in writing POM.xml in **Maven**.
* Need to perform goals like mvn clean install and mvn clean deploy when it is required.
* Securing our AWS environments using **VPC**.
* Creating cloud Infrastructure using IaC by **Terraform**.
* Using Configuaraion Management tools **Ansible** and **Terraform**.
* Writing **Python** Scripts for automating daily tasks
* Creating pods, services and expose deploying in **kubernetes**.
* Good experience in selecting appropriate cloud services to design and deploy an application based on given requirements in **AWS**.
* Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
* Using developer tools like code commit, code build and code pipeline.
* Writing playbooks to automate Infrastructure by using **Ansible**.
* Implemented Ansibe to manage all servers and automate the configuaration of new servers.
* Maintaining the inventory files and playbooks for different environments in **Ansible**.
* Managed deployment automation using **Terraform** to automate systems.
* Creating Kubernetes service types like Cluster IP, NodePort and Load Balancer.
* Able to maintaing the flunnel, weavenet, calico networks in **Kubernetes**.
* Making connection between services and deployments using labels.
* Able to automate to continuously defined, build and manage infrastructure by both **Terraform** and **Ansible**.
* 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, monitor status of daily build

**Project #2**

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| --- | --- |
| Title | Banking Sales and Distribution(SND) |
| Client | VISA Inc. |
| Duration | April 2017 - Dec 2019. |
| Role | Build and Release Engineer |
| Team Size | 4 |
| Project Environment | Maven, Git, Jira, Teamcity, Sql, Aws, Jenkins, Docker |

**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.
* Good experience in writing Python scripts for automation.
* Handling daily build & deployment activities for the project.
* Implemented **Infrastructure as code** (Iac) using **cloud formation** templates and **Terraform**.
* Need to perform goals like mvn clean install and mvn clean deploy when it is required
* Launching **AWS** Ec2 Instances,Creating **Iam** and Employed S3-organizer store data to **S3** buckets
* Maintaining the inventory files and playbooks for different environments in **Ansible**
* Automating AWS infrastructure by using BOTO3 module.
* Experience in **troubleshooting** any issues generated while build and deployments.
* Creating Kubernetes service types like Cluster IP, NodePort and Load Balancer
* 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**.
* Creating Ansible roles directory structure using Ansible Galaxy, proving security for playbooks by using Ansible Vault.
* Deploying the Small applications in apache **Tomcat** server.
* Experience in **troubleshooting** any issues generated while build and deployments.
* Build pipeline for continuous integration and deployment using **Jenkins.**
* Monitoring log files daily basis and reporting issues to development team.

**Declaration**:

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

Place: BANGALORE (Manikanta)