Paleti Bharat   **Email ID:** Paletibharat@gmail.com
Phone no: +91-9949850338

Professional Objective: -

Enrich my technical and professional skills by obtaining a responsible and challenging position where my education and work experience will have valuable application.

Professional Summary:-

- Having **5+ years** of experience in IT Infrastructure with **DevOps and Cloud Management** as a DevOps Engineer, Proficient in **Svn, Git, Maven, Jenkins, Ansible, Docker, Apache, Tomcat.**
- Good working knowledge in AWS CLI&GUI.
- Hands on Experience in AWS Cloudformation and Azure ARM Templates
- Good Expertise on ECS,ECR,EKS,AKS
- Good Understanding of MS Azure Services (IAAS with PowerShell/CLI).
- Hands on knowledge in creation of Roles, Profiles, and users in IAM& creating customized policies.
- Migration of on-premises solutions to Amazon Cloud using EC2, VPC and S3.
- Hands-on experience managing cloud IaaS environments using IaaS in Azure.
- Working knowledge of AWS Windows & Microsoft Azure Active Directory.
- Hands On experience of Azure VM Creation/Deletion/Modification.
- Working knowledge on Creation of custom AMI's.
- Good Knowledge of MS Azure Clustering & high Availability.
- Good expertise on Vmware Esxi Server and Vcenter
- Understanding of virtualization management and configuration.
- Demonstrated Cloud Engineering skills on the Microsoft Azure platform.
- Used **Ansible** modules/AWS CLI for managing **EC2 instances in Amazon Cloud**.
- Deployed and monitored scalable infrastructure on **Amazon web services (AWS).**
- Experience inConfiguration Management, Build and Release Management in all phases of software development life cycle **(SDLC)** process.
- Having Good knowledge in Analysis, Design, Development, Implementation, Integration, Testing, Production, and Maintenance in Enterprise Applications.
- Coordinate/assist developers with establishing and applying appropriate **branching, tagging** conventions using **Git** source control.
- Experience in authoring **pom.xml** files, performing releases with the **Maven** release plugin, Building of Java projects and managing Maven repositories.
- Worked on Deploying projects to **Tomcat, apache, nginx** in different environments like LINUX, Ubuntu and in Dockers.
- Extensive knowledge on design and implementation of **CI-CD** (Continuous Integration and Continuous delivery) pipeline using tools like **Jenkins**, with **Free-Flow and Pipeline** with build trigger and schedule job runs and Mail /Slack notifications.

- Setting up **SonarQube** to generate test coverage reports and code coverage details with sonar quality gates.
- Experience with container-based deployments using **Docker**, working with **Docker images, Docker Hub** and **Docker registries** and **Kubernetes**.
- Hands on experience on Container Orchestration Service Kubernetes.
- Hands on experience on Kubernetes Services in cloud (Azure Kubernetes Services).

Professional Skills:-

Cloud Technology	AWS& Microsoft Azure
Scripting Languages	Shell Scripting, Python
Automation(CI/CD) Server	Jenkins
Version Control System/SCM	Git
Build Tool	Maven
Repository	Artifactory
Containerization	Docker , Kubernetes, AKS
Configuration Management Tool	Ansible
Monitoring Tool	Cloud Watch,Nagios
App & Web Servers	Tomcat, Apache
Platforms	Linux (Centos, Ubuntu),windows

 Academic Profile:-

   Achieved Diploma in Electronics with 62% from Edutech NTTF India Pvt. Ltd, 2014

Experience:-

   Working as **DevOps Engineer** in Auromax Technologies, Hyderabad from Aug 2016 to tilldate.

Professional Experience: -

Project # 2: OPODM
Organization: Genpact
Designation   : Devops Engineer
Duration   : Jan 2019 - Till date

Roles & Responsibilities: -

- Manage AWS EC2 instances utilizing Auto Scaling and Elastic Load Balancing for our QA and UAT environments as well as infrastructure servers for Git.

- Experienced in automating, configuring and deploying instances on AWS, cloud environments and in Data centers.
- Creating the automated build and deployment process for application and leading up to building a continuous integration system for all our products using Jenkins.
- Created piepilnes for jobs automation through Jenkins.
- Using Jenkins AWS Code Deploy plugin to deploy to AWS.
- Responsible for Database build, release and configuration.
- Configure highly available, scalable and redundant systems on the Azure Platform.
- Contributing in the DevOps team to maintain and build out our infrastructure and servers currently operating on AWS Platform.
- Involved in Creating of public & private subnets using VPC.
- Working with Development Team to manage the Azure environment.
- Deploying, monitoring, managing and scaling workloads on Azure Resource Manager (ARM) virtual machines (VMs).
- Configuring Virtual Networks, designing and implementing multi-site or hybrid network connectivity.
- Designing VM deployments by leveraging availability sets, fault domains, and update domains in Azure. Use Azure Functions to implement event-driven actions; design data storage solutions for server less computing.
- Experience in integrating on premise active directory with Azure active directory.
- Performed various **merging conflicts and pushes** appropriate code into **GitHub**repository.
- Generated build files like **WAR**, **JAR** for deployment with **Maven and Ant.**
- Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including **POM.xml**.
- Creating **SonarQube** test cases, reports and code coverage details with sonar quality gates.
- Storing the packages in **Artifactory**
- Administered **Jenkins continuous integration** server installation and configuration to automate application, packaging and deployments.
- Maintained over 50+ jobs in **Jenkins** from different Application teams for over 45 releases in parallel. Configured **Jenkins Master and Slave** nodes
- Working with **Ansible** as Configuration management tool to automate repetitive tasks, quickly deploys critical applications and proactively manage changes.
- Implemented several Continuous Delivery Pipelines for different products using **Jenkins**.
- Worked on various **Docker** components like Docker Hub, Machine**, Compose and Docker Registry**
- Created Docker image with tomcat. Mounted volumes on the container to share data between containers.
- Publishing images to **Docker** hub. Transformed existing Recommender model deployed in Production into a **microservice deployed on Docker containers**.
- Experience in orchestrating Docker containers with Kubernetes.
- Manage containerized services running in Azure Kubernetes Service
- CI CD using Azure Devops

Environment: Git, Maven, Jenkins, Cloud Formation, Shell Scripting, Docker, Ansible, AWS & MS AZURE.

Dockers and Kubernetes:

- Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT , Docker, on AWS
- Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on EKS. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
- Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
- Designed and Implemented MVC architecture using Spring Framework, which involved writing Action Classes/Forms/Custom Tag Libraries &JSP pages.
- Development/deployment and monitoring of new Dockerized infrastructure
- Docker support for Go/NodeJS/Python development team
- Used technologies: Docker, Kubernetes, PureStorage, Ansible, AWS, iSCSI, IPXE, HW servers,...
- Good Expertise on Docker compose, Files, Docker Hub and Swarm
- Hands on experience on Kubernetes Clusters

Project # 1: K12 Reporting Services
Organization : TechMahindra
Designation: Build and release Engineer
Duration   : May 2016 – Dec 2018

Roles & Responsibilities:

- Involved in **DevOps** POC's by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization.
- Built up CI/CD pipeline using **Git, ant, maven, Jenkins** for Java and Middleware applications.
- Coordinating with the Development team to fix the Build related issues.
- Branching, tagging, release activities on Version Control Tools Git.
- Worked on multiple **AWS instances**, set the security groups, **Elastic** and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- Developed automation framework for application deployments to the cloud environments.
- Installed, Configure and automated continuous build using **Jenkins** Continuous Integration tool.
- Creating new jobs in Jenkins and managing the build related issues.
- Using Vagrant locally for testing automation scripts before configure them in real time servers.
- Using Ansible to prepare environments and **deploy artifacts** to those environments.
- Deployed builds to different environments like DEV, QA, UAT environments by integrating Jenkins and Ansible.
- Sending daily/weekly status report to onsite coordinator.
- Creating and maintaining Project related documentation.

Environment: Git, Maven, Jenkins, Shell Scripting, AWS (EC2, S3, ELB, Auto Scaling) &Ansible.

Linux Administrator Roles:

- Installation and maintenance of Windows and Linux based systems within a client's digital environment.
- Evaluates industry trends, standards and new technologies to recommend change (i.e., evaluate and integrate new OS versions, drivers and hardware.
- Troubleshooting Oracle and SAP applications on Linux
- Configuring Linux Firewall, Transparent Squid sever, DHCP, DNS on Centos Server for more than 100 clients.
- Installing and Maintain MAC OS X 10.9 Mavericks on Desktop Machines
- Set up & Manage secure Virtual Private Network (site to site) between Regional and Head Office

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Job Roles as VMware administrator:

- Configured & Deployed ESX/ESXi server in corporate production environment.
- Implementation of VSphere, users and groups management.
- Perform system trouble-shooting, performance tuning and capacity planning.
- Use VSphere Vcenter Server to monitor virtual machine resource usage.
- Use VMware VSphere Vcenter Update Manager to apply patches to virtual machines and also Virtual Private Networking (VPN) tools and techniques to maintain these VM's
- Managed ESX and ESXi systems through VSphere VMA for running scripts and agents
- Involved in P2V, V2V Migration as per client Requirement.
- Installing and Maintaining Vcenter Servers
- Taking regular backup of Vcenter Server machine
- Creating Resource Pools and Setting limits on CPU and RAM