**HitendraParmar**  ****

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**Professional Summary:**

* Over **16+ years** of IT experience as a **DevOps** Engineer in **CI (Continuous Integration), CD (Continuous Delivery)** and strong knowledge in solving complex problems with creative solutions, supporting development and operation environments.
* Strong experience in **CI (Continuous Integration)/CD (Continuous Delivery)** software development pipeline stages like Commit Build, Automated Tests, and Deploy in multiple environments like Dev, QA, and Pre-Prod & Prod.
* Extensive experience on working with the Configuration/Deployment Tools like **ANSIBLE (Playbook, inventory)** and **CHEF (Knife, recipe, cookbook) and Puppet.**
* Experience working with **Chef Enterprise** and **Chef Open Source, Chef DK, Chef Workstation, Chef Server, Chef-Client.**
* Experience in **Amazon AWS Cloud which includes services: EC2, VPC, Route 53, S3, RDS, Dynamo DB, IAM, Cloud Formation, Pivotal Cloud Foundry, Cloud Watch, ELB, EBS, Lambda, SNS, SES, SQS and Cloud Formation.**
* Experience in **Terraform** scripts which integrates numerous services on **AWS** like **EC2** instances for different computational needs.
* Experience in Branching, Merging, and Tagging and maintaining the version across the environments using **SCM** tools like **Subversion (SVN), GIT (GitHub, GitLab).**
* Expertise in Source Code Management tools such as **SVN, GIT and TFS** administration.
* Expertise in using build tools like **MAVEN, ANT & SonarQube** for the building of deployable artifacts such as war & ear from source code.
* Hands on experience (Knowledge) on performance monitoring tools like **Nagios and Splunk.**
* Experience in working with container-based deployments using **Docker, Docker images, Docker file, Docker Hub, Docker Compose and Docker registries.**
* Experience with **Docker and Kubernetes** on multiple cloud providers, from helping developers build and containerize their application **(CI/CD)** to deploying either on public or private cloud.
* DevOps Practice for **Micro Services** using **Kubernetes** as Orchestrator and container orchestration with **Docker.**
* Experience in Installing and configuring Application servers such as **Apache, Web logic, Web sphere, Jboss** and **Iplanet** on **LINUX** server.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile,** **Scrum and Waterfall** methodologies.
* Collaborated with the SW development teams and ensuring products and services are pushed into production.
* Excellent communication, interpersonal, intuitive and analytical and leadership skills with ability to work efficiently in both independent and team work environment.

**Technical Skills:**

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| **Build/CI Tools** | Ant, Maven, Jenkins, Hudson, Bambo, Team City, Nexus |
| **DevOps Tools** | Chef, Puppet, Docker, Ansible, AWS, Nagios, Terraform, Kubernetes, SonarQube |
| **Databases** | MySQL, PostgreSQL, SQL Server |
| **Web/App Server** | Tomcat, WebSphere Application Server, JBoss, Nginx |
| **Reporting Tools** | Splunk, Nagios |
| **Version Control Tools** | Subversion, GIT, BitBucket |
| **Technologies/Programming** | Java Script, Java/J2EE, Perl, Python, Shell scripting, Bash, PowerShell |
| **Operating Systems** | Sun Solaris, Windows Server, LINUX, RedHat |
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**Professional Experience:**

**DevOps Consultant**

**Vquest Technologies, Ahmedabad, USA | Oct 2024 – Till Date**

* Developed and implemented Software Release Management strategies for various applications according to the **agile** process.
* As a **DevOps Engineer** need to coordinate and manage the entrance of new hardware and software into the Continuous Test Environment.
* Designed and created multiple deployment strategies using **Continuous Integration/Continuous Development (CI/CD)** pipelines and configuration management tools with remote execution to ensure zero downtime and shortened deployment cycles via automated deployments.
* Worked with **Chef** for all the software configurations and written multiple complex Cookbooks and Recipes for pushing the configurations to various enterprise nodes.
* Worked on using **Chef Attributes, Chef Templates, Chef Recipes, and Chef Files** for managing the configurations across various nodes using **RUBY**.
* Automated various infrastructure activities like **Continuous Integration and Continuous Deployment** using **Ansible playbooks** and has Integrated **Ansible.**
* Setup and build AWS infrastructure in various resources **VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, RDS** in Cloud formation **JSON** templates.
* Used **Terraform** a tool for building, changing, and versioning infrastructure safely and efficiently. Worked with **Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation
* Developed build scripts using **ANT and MAVEN** as the build tools for the creation of build artifacts like war, ear files using **CI/CD** pipeline.
* Created **GIT** configuration record for builds using derived objects generated during build audit process. Implemented & maintained the branching and build/release strategies utilizing **GIT.**
* Used **Jenkins** to Build, Test and publish the project artifacts, Implemented Build per Branch as part of **CI** process to run **Sonar** for code coverage and run unit and integration tests to help improve the pipeline efficiency.
* Heavy scripting in **Python and bash** to build highly available server environments for teams deploying core products and services. Using **AWS SDK** built tools that automated **AWS** server provisioning, automated application.
* Built end to end **CI/CD** Pipelines in Jenkins to retrieve code, compile applications, perform tests and push build artifacts to **Nexus.**
* Responsible in building the micros service applications in the **Docker,** written the **docker** file to build the micro service and push the artifact to **Artifactory.**
* Managed **kubernetes** charts using the Helm. Created reproducible builds of the **Kubernetes** applications managed kuberentes manifests files and managed releases of Helm packages.
* Deployed the **Docker** images into the **kubernetes** using the Helm charts and template packaging.
* Participated in weekly release meetings with Technology stake holders identify and mitigate potential risks associated with the releases.
* Supporting large-scale web applications, we indexed database queries using **MY SQL server** by writing **SQL** queries. Responsible for the Plugin Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Responsible for day to day Build and deployments in pre production and production environments.

**Environment:** Chef, Ansible, AWS (VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, RDS), Terraform, SonarQube, CI/CD, Jenkins, Ant, Maven, Nexus, GIT, Docker, Kubernates, Artifactory, Python, Bash, JSON, SQL, Agile and Windows.

**Role: Lead DevOps/Cloud Engineer. OneClick IT Consultancy Pvt Ltd | June 2019 – Aug 2024**

* Participated in the release cycle of the product which involves environments like Development QA UAT and Production.
* Performed **Continuous Integrated delivery (CI and CD process)** using **Jenkins** and **uDeploy.** Created Pipeline as code in git which is integrated to Jenkins to develop full **CI/CD.**
* Implemented the **Chef** Software setup and configuration on **VM's** from the scratch and deployed the run-list into chef-server and bootstrap the chef clients remotely.
* Built and managed a highly available monitoring infrastructure to monitor different application servers and its components using **Nagios** with **Chef** Automation.
* Used **Ansible Playbooks** to setup **Continuous Delivery** Pipeline. Deployed **micro services,** including provisioning **AWS** environments using **Ansible Playbooks.**
* Involved in deploying and operating **AWS,** specifically **VPC, EC2, S3, EBS, IAM, ELB, Cloud Formation** and **Cloud Watch** using the **AWS console** and **AWS CLI.**
* Developed Templates for **AWS** infrastructure as a code using **Terraform** to build staging and production environments.
* Built and Developed scripts using **Maven and ANT** as build tools in Jenkins to move from one environment to other environments.
* Involved in writing shell/bash scripts to automate the administrative tasks using Cron jobs and managing them in the repository using **GIT.**
* Used the version control system **GIT** to access the repositories and used in coordinating with CI tools.
* Automated build and deployment using **Jenkins** to reduce human error and speed up production processes.
* Able to create scripts for system administration and **AWS** using languages such as **BASH and Python.**
* Develop custom dashboards to monitor user traffic load, response times and transaction on the websites using **Splunk.**
* Worked on **Docker container** snapshots, attaching to a running container, removing images, managing directory structures and managing containers.
* Worked with **Kubernetes** to automate deployment, scaling and management of web Containerized applications.
* Worked in development, testing, and production environment using **SQL, PL/SQL** procedure, **Python, Ruby, Power** **Shell** and **Shell scripts** and managed to host the servers like **Web sphere** and **NGINX.**
* Documented all build and release process related items. Level one support for all the build and deploy issues encounter during the build process.

**Environment:** Chef, Ansible, Terraform, AWS (VPC, EC2, S3, EBS, IAM, ELB, Cloud Formation), Jenkins, CI/CD, GIT, Bash, Python, Ruby, Power Shell, Docker, Kubernates, Splunk, SQL, NGINX, Agile and Windows.

**Role: DevOps/Build/Release Engineer**

**LetsNurture Infotech Pvt. Ltd., India| Apr 2012 – Apr 2019**

* Responsible for defining branching & merging strategy, checkin policies, improving code quality, automated Gated Checkins, defining backup and archival plans.
* Involved in developing **Chef Recipes** to configure, deploy and maintain software components of the existing infrastructure.
* Written **Chef Cookbooks** for Database and Application server configurations.
* Writing automation scripts using **Ansible, Chef, and Puppet etc.**
* Used **Ansible** as a configuration management tool for automations Linux machines deployment.
* Build servers using **AWS,** importing **volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs)** in the defined virtual private connection (VPC).
* Creating **AWS** resources with **Terraform** and integrated with **CD** process. Used **Terraform** for building, changing, and versioning infrastructure safely and efficiently.
* Maintained build related scripts developed in shell for **Maven and Ant** builds. Created and modified build configuration files including **POM.xml.**
* Managed **GitHub** repositories and permissions, including branching and tagging.
* Involved in integrating **GIT** into the continuous Integration (CI) environment along with Jenkins.
* Worked on **Jenkins** adding the necessary plug-ins and adding more slaves to support scalability and agility.
* Worked on creating the **Docker** containers and **Docker** consoles.
* Maintenance and monitoring of **Docker** in a cloud based service during production.
* Used **Jenkins** and pipelines to drive all Microservices builds out to the **Docker** registry and then deployed to **Kubernetes,** Created Pods and managed using **Kubernetes.**
* Wrote **Python and Bash** scripts for databases maintenance and backup automation. Used **Python** based **GUI** components for the front-end functionality such as selection criteria.
* Used **JIRA** as a Change Management/ Work Management/SCRUM **Agile** Tool.
* Build, configured and support Application team environments.
* Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.

**Environment:** Chef, Ansible, AWS, Terraform, Ant, Maven, GitHub, Jenkins, Docker, Kubernates, Python, Bash, MySQL, Jira, Agile and Windows.

**Role: Build/Release Engineer  
Pure Software Ltd** **,India| August 2008 – Feb 2012**

* Worked portal for triggering **builds** and **releasing** them to stakeholders by understanding the pain points of Developers and QA engineers.
* Create **Chef** Automation tools and builds and do an overall process improvement to any manual processes.
* Involved in setting up the **Chef Workstation, Chef Repo** as well as **Chef Nodes**.
* Designed and implemented **Puppet , python** scripts to deploy application changes and code.
* Worked in designing and deploying **AWS solutions** using **EC2 instances, EBS, S3, RDS, Elastic Load Balancer** and Auto scaling groups.
* Wrote **ANT and MAVEN** Scripts to automate the Build Process.
* Used GIT as source code repositories, Maintained and Administered **GITHUB** Source Code Tool.
* Integrated Continuous Integration system with **GIT** version control repository and continually build as the check- in's come from the developer.
* Have done various POCs to explain and demonstrate the possibility of implementing **CI/CD** in various projects.
* Use **Jenkins** to do daily and ad-hoc build and deploy. Set up new **Jenkins** job for new builds and deployment.
* Worked on various scripting language like **Bash, Shell, Ruby, Perl and Python.**
* Developed and maintained in-house Code review system before migrating to the lightweight code review system available in Stash.
* Designed and implemented the backup strategy for all the critical systems such as build machines, bug tracking tools, central repositories etc.

**Environment:** Chef, Puppet, AWS (EC2 instances, EBS, S3, RDS, Elastic Load Balancer), Ant, Maven, GitHub, Jenkins, Bash, Shell, Python, Ruby, and Windows.