**Bhoopati**

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**Add phone number**

**Executive Summary**

* **AWS / DevOps Engineer** with around 5+ years of IT experience in DevOps, Linux System Administration, Build Engineering & Release Management process, including end-to-end code configuration.
* Good experience on DevOps tools such as **GIT, Ansible, Jenkins, Maven, Docker, Kubernetes and Terraform.**
* Excellent Understanding of Software Development Life Cycles (SDLC) like Waterfall and **Agile Scrum**.
* Experience in creating DevOps strategy in a mix environment of **Linux** servers along with creating and implementing a cloud strategy based on **Amazon Web Services (AWS)**.
* Strong experience in self-healing Server Infrastructure development on AWS cloud, extensive usage of **AWS-EC2, VPC, S3, Route53, IAM, Cloud Watch, SNS, SQS, API Gateway**.
* Experience with monitoring tools like Amazon Cloud watch to monitor major metrics like Network packets, CPU utilization, Load Balancer Latency.
* Experienced in provisioning **IaaS** and **PaaS** and end to end automation of Web and Application.
* Experience in Branching, Merging, Tagging and maintaining the version across the environments using SCM tools **GIT (GitHub)**.
* Expertise in using build tools MAVEN for the building of deployable artifacts such as war & ear from source code.
* Hands on experience in installing and administrating CI tools like **Jenkins, Nexus and JFrog Artifactory**.
* Well versed with **Ansible Playbooks, modules and roles**.
* Extensively worked on **Jenkins for continuous integration** and for **End-to-End automation** for all build and deployments. Knowledge and experience in creating **Jenkins Pipeline**.
* Experienced with **Docker container** service. **Dockerized** applications by creating **Docker images** from **Docker file**. Integration, deployment and automation of application servers.
* Hands on experience in **Kubernetes**, Implemented for the custom deployment.
* Experience in Infrastructure Development and Operations involving AWS Cloud platforms.
* Experience in administrating, deploying and managing Ubuntu and Centos servers.
* Managed and maintained Defects and Change requests by using Jira.
* Good analytical, problem solving, communication skills and have ability to work either independently with little or no supervision or as a member of a team.

**Technical Proficiency**

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| Operating Systems | Ubuntu, CentOS , Red hat, Windows, |
| VCS | GIT, GitHub, |
| Build Tools | Maven, |
| Scripting and Languages | YAML, Shell, |
| CD/CI Tools | Jenkins, |
| Configuration Management Tool | Ansible |
| IaaC | Terraform, |
| Cloud Technologies & Services | Amazon Web Services: EC2, VPC, Cloud Formation, Elastic Beanstalk, CloudWatch, IAM, Cloud Front, ELB, RDS, S3 bucket |
| Containerization | Docker and Kubernetes, |
| Tracking Tools: | JIRA |
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**Credentials**

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| * **Add university Technological University.**   B. Tech in Mechanical Engineering. |  |

**Professional Summary**

**HCL** – Bangalore **March 2020 to Till Date**

**DevOps Engineer**

* Involved in designing and deploying multitude applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
* Coordinated with the DevOps team to scale the organization's application deployment platforms; Interacted with developers and Enterprise Configuration Management Team for implementing best practices to eliminate non-efficient practices and bottlenecks.
* Administering the **Linux System** & Middleware for the day to day phenomenon and administration of **RHEL 7, 8 / CentOS / Ubuntu** which includes installation, testing, tuning, upgrading and loading patches, troubleshooting server issues
* Designed AWS **Cloud Formation** templates to create custom sized **VPC**, Launching EC2 instances under it.
* Manage **AWS EC2** instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for **GIT** and **Ansible**.
* Utilized Configuration Management Tool **Ansible Playbooks, modules and roles** to automate system operations.
* Wrote 20+ Ansible Modules.
* Automated deployment of builds to different environments using **Jenkins.**
* Setting CDN(**Elastic Cache**) to boost web speed.
* Implemented a **Continuous Delivery pipeline with Docker**, **Jenkins** and **GitHub**. Whenever a new **GitHub branch** gets started, Jenkins automatically builds a new Docker container from it.
* Used **Containerization** technology such as **Docker** for testing the application on the production level.
* Deployed application in **Kubernetes**. Hands on experience in dashboard for metrics.
* Setting **Cloud Watch** Alarm for monitoring & integrating it with ELB, EC2, Autoscale etc.
* Setting Auto scaling groups & managing its policies.
* Worked closely with Project Managers to understand the code/configuration release scope and status of the release.

**Environment:** GIT, Ansible, Jenkins, Docker, AWS, VPC, EC2, Route53, EBS, SQL, ELB, Cloud watch, Jira, AWS CLI, AWS Auto Scaling, Unix/Linux, Shell Scripting.

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**HCL** – Bangalore  **April 2019 to March 2020**

**Systems Engineer**

**Responsibilities:**

* Hands-on experience deploying and administering systems in Cloud environments.
* Migrating Services from On-premise to AWS cloud Environments.
* Performed Linux deployments utilizing **Ansible** with scalability in Amazon Web Services (AWS).
* Created Jobs in Jenkins and set up global permission and scheduling jobs in **pole SCM**.
* Hands on involvement in Amazon Web Services (AWS) provisioning and great information of AWS administrations like **EC2, S3, Glacier, ELB (Load Balancers), RDS, SNS, and EBS** and so on.
* Administration and Configuration management of version control systems **GitLab.**
* Developed and maintained the **continuous integration** and **deployment** systems using **Jenkins**.
* Identify new tools/technologies that will make the release and SCM process more efficient, repeatable, reliable, and cost effective.
* Also worked on Utilization of Cloud formation by creating DevOps processes for the consistent and reliable deployment methodologies.
* Supported integrating GIT into the **continuous Integration (CI)** environment along with Jenkins.
* Implemented **CI/CD** using **Dockers**, **GitHub, AWS, ECR and Kubernetes** to test, build and deploy services.
* Responsible for scheduling release promotions to Test, Training, Validation, Production and DR environments and preparing Release Notes.
* Designed and implemented fully automated server build management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agent.
* Worked on creating and maintaining **Docker Images and containers**.
* Collaborated with development support teams to setup a continuous delivery environment with the use of Docker.
* Used **Ansible** and other configuration management tools to deploy consistent infrastructure code across multiple environments.
* Worked on monitoring, apps deployment, Amazon Storage and Amazon EBS (Block storage).
* Automated the build and release management process including monitoring changed between releases.

**Environment:** GIT, Jenkins, Maven, AWS, EC2, RDS, EBS, Elastic Load Balancer, Mobaxterm, Ansible, Docker, Kubernetes.

**HCL July 2018 to April 2019**

**Build & Release Engineer**

I worked as Build & Release Engineer in Quovantis Technologies. It is a product-based company. Mostly coordinating with respective team for problems with version control system and its integration with build system, schedule a release in the order of dependencies.

* Responsible for versioning the source code, releasing binary files and tagging on source files and release files.
* Creating a Jenkins Job and configuring Git Repo, compiling in Jenkins, Peeking into the Jenkins Workspace.
* Used **Git** for Software Configuration management and maintaining the versions, created and managed project repositories, performed branching, merging and tagging operations for Java and JEE Applications.
* Installing and Running **Jenkins**, Initial Setup and the Data Directory, Default Security, Anonymous Read Access.
* Integrated **Jenkins** CI with **GIT** version control and implemented continuous build based on check-in for various cross functional applications and created **GitHub** Webhooks to setup triggers for commit, push, merge and pull request events.
* Designing and deployed best **SCM** processes and procedures. Posting the Build on time & following it up the testing team on posted builds.
* Experience in working on tools like **SonarQube** to check the quality of the code and **Nexus**to save the builds.
* Integrated Testing Tools like **Junit** in JUnit which provide unit testing and code coverage with detailed graphical reports.
* Created multiple **MAVEN, Shell scripts** for build automation and deployment.
* Involved in the release cycle of the products from environments like Development, QA and UAT through Production.
* Experience with Configuration Management automation tool Ansible and has worked on integrating **Ansible YAML Scripts**. Used **Ansible** for configuring and managing multi-node configuration management over SSH.
* Documented the SCM process and policies of the company and recommended some process changes.
* Involved in troubleshooting build failures, server status, and any other environment issues.
* Creating Application Builds, Manual Compilation with **Maven**, Manually Testing, Packaging, and Running the App.
* Involved in the release cycle of the products from environments like Development, QA and UAT through Production

**Environment:** Git, Maven, Jenkins, Httpd/Apache, Tomcat 9, Shell, Linux, Java.

**Personal Summary**

**Date of Birth**: 02-05-1993

**Nationality**: Indian

**Languages known**: English, Hindi, Telugu, Kannada

**Blood group: add blood group**

**Martial status:** Married