**GOWTHAMI PUVVADI**

**+91-9515475727**

**puvvadi.gowthami@hcl.com**

**Experience Summary:**

* **3 years** of IT experience as a DevOps engineer.
* Worked on Opensource DevOps tools and AWS Cloud and OpenStack Cloud.
* Done the Certification of “AWS Cloud Practitioner from Linux Academy”.

# Technical Skills:

* **Operating System:** Linux and Windows
* **Cloud Platform Service:** Amazon Web Services (AWS) and OpenStack
* **Configuration Management Tool:** Terraform and Ansible
* **Version control Tool:** Git (Bitbucket and GitHub)
* **Container Orchestration** **Tool:** Kubernetes
* **Containerization Tool:** Docker
* **Automation Tool:** Jenkins
* **Web Server:** Nginx, Apache, and Tomcat
* **Monitoring Tool:** Cloud Watch
* **Load Balancers**: Haproxy and Nginx
* **Scripting**: Shell and PowerShell
* **Database**: SQL

**Career Span:**

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| --- | --- | --- |
| **Employer** | **Association Tenure** | **Designation** |
| HCL Technologies Ltd | July -2019 – Till Date | Software Engineer |

**Educational Details:**

* Completed B. Tech in the stream of CSE from MITS in 2019.

**Projects Summary:**

**Project-3#**

**Client:**Cisco Inc

**Duration:**Nov 2021 – May 2022

**Skills Required**: Git, Docker, Linux, Jenkins, Ansible, Bitbucket, Jira

**Roles & Responsibility:**

* Worked on Creating Tags and support branches and Manage code repositories (branching, labelling etc.).
* Worked with developers, QA, and Product support teams to identify and resolve build problems.
* Develop and maintain build and release process documentation.
* Performed SCM tasks, such as check-in, checkout, branching, tagging, and merging code from development branches to main branch and main branch to development branches.
* Assisting development team in resolving issues with build, environment, SCM and tools.
* Automated the build and deploy tasks using Jenkins
* Configured Jenkins CI tool for project and setup Auto Builds using webhooks.
* Worked on Jenkins CI/CD pipelines with declarative pipelines using DSL and free style jobs.
* Worked on the JFROG repositories for upload/download artifacts, third party tools and Docker Images to the repositories.
* Configured the slave nodes in Jenkins and create the users (Dev/QA/UAT/PROD) established the communication to all server by exchanging the keys.
* Downloaded the images from public repository tag and uploaded to the container.cisco.com repository.
* Created the docker files, build, tag and pushed images to the container.cisco.com registry.
* Automation of tasks which seems to be manual and save efforts through ansible playbooks.
* Created Ansible playbooks to deploy images in Kubernetes environment.

**Project-2#**

**Client:**SHL

**Duration:**Feb 2021 – Aug 2021

**Skills Required:**OpenStack, Terraform, Git, PowerShell, Shell Scripting, Bitbucket, Visual Studio Code, AWS cli, Nginx, Apache, DNS tools.

**Software Packages:** Visual Studio Code

**Roles & Responsibility:**

* Worked on docker files to launch the Container based application like Nginx.
* Worked on setting up the Nginx Load balancer for high availability
* Worked on Setting up the DNS for the servers
* Involved in writing shell script for automating the installation of packages.
* Worked on writing the Windows power shell scripts to install and set up the various packages in windows instances
* Worked on setting up the Apache webserver for application deployment purpose
* Launched windows and Linux instances with all dependencies to Bluvalt & Roles to maintain the staging and production environment all times highly available.
* Setup and maintain Cloud based infrastructure using Terraform utility.
* Launched and Managed Vault Server instance for store the secrets of Applications.
* Gather customer requirements and translate the application requirements to provide Bluvalt solutions.
* Maintaining the Bluvalt S3 as a storage service for downloading all the application dependencies and stored backup files, infrastructure build files like state files.
* Created different branching and merging strategies in Bitbucket.
* Created and maintained the Terraform scripts for deploying Applications.
* Troubleshoot and resolve issues related to application deployment and operations.

**Project-1#**

**Client:**Cisco Inc

**Duration:**Aug 2020 – Jan 2021

**Skills Required**: Git, GitHub, Docker, Linux, Apache, Tomcat, Terraform, AWS cloud

**Software Packages:** Visual Studio Code

**Roles & Responsibility:**

* Worked in internal Operations team, where did Research & Development on various DevOps tools such as Git, GitHub, Docker, Linux, Apache, Tomcat, Terraform and Aws cloud.

**Other Skills:**

* Knowledge on AWS cloud services such as EC2, S3buckets, EBS storage, Load Balancer, and network services.
* AWS Monitoring services like Cloud-Watch alarms set up to monitor EC2 instances.
* Basic Knowledge on Kubernetes Orchestration tool.
* Developed the Internal Project Shopping-Cart using Java.
* Expertise in using HTML, CSS.
* Having extensive knowledge on JDBC.
* Having Good Knowledge on SQL Concepts Like DML (Data Manipulation Language), DDL (Data Definition Language) using H2 Database.