# Shivani Balla

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Having 2+ years of experience in DevOps , Cloud & SDLC including analysis, coding , scripting, automation, version control, documentation and support.

**TECHNICAL SKILLS**

* AWS
* Linux
* Git, Github
* Ansible
* Docker
* Kubernetes
* Jenkins
* Terraform
* Chef
* Jfrog
* Nagios
* bash Scripting
* Apache Tomcat
* Python

**LANGUAGES KNOWN**

English, Hindi, Marathi & Telugu

**EDUCATION**

BE ,Civil Enginerring, 2021

Percentage: 73.84

XII, Science, 2017

Percentage: 69.38

X ,2015

Percentage: 84

**INTERNSHIP**

Vertex Technosys – Solapur, Maharashtra Aug 2020-Jan 2021

* Configured, deployed highly available and scalable applications on AWS using EC2, RDS, S3, Classical load balancer, Autoscaling and monitored these applications with cloud watch and SNS services.
* Configured and managed security groups and VPC.
* Performed SCM tasks, such as check-in, check-out, branching, tagging, and merging code from development branches to main branch and main branch to development branches.
* Familiarity with installation and configuration of Ansible and Chef.

**PROFESSIONAL EXPERIENCE**

Vertex Technosys – Solapur, Maharashtra Jan 2021-present

Roles and Responsibility:

* Experience in managing AWS public Cloud Infrastructure.
* Maintained Git workflows for version control.
* Configured Docker containers and created Docker files for different environment.
* Orchestrated Docker container cluster using Kubernetes.
* Experience in Installing and Implementing Ansible configuration system and in writing playbooks for Ansible and deploying applications.
* Used Configuration Management Tool Chef created Chef cookbooks using recipes to automate system operations.
* Used GIT version control to manage source code and integrating GIT with Jenkins to support automation.
* Developed and maintained automated CI/CD pipelines for code deployment using Jenkins.
* Used Artifactory and GIT for resource and code organisation purpose.
* Implemented the setup for Master-Slave Architecture to improve the performance of Jenkins.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins, GitHub, and AWS.
* Tested and deployed the application on Tomcat Application server.
* Strong hands on experience in AWS such as EC2, VPC, Cloud Watch, Cloud Formation, RDS, Route53 and IAM.

**PROFESSIONAL EXPERIENCE**

Vertex Technosys – Solapur, Maharashtra Jan 2021-present

Roles and Responsibility:

* Experience in managing AWS public Cloud Infrastructure.
* Configured Continous Integration (CI) and continuous Delivery (CD) using AWS CodePipeline and CodeDeploy, CodeBuild and CodeCommit for Automation.
* Coordinate build and deploy activities, and Worked on deploying the packages in production using Ansible playbooks.
* Written Ansible Playbook using Role based for Configuring application servers like Tomcat to deploy the code.
* Used Jenkins and ansible for continuous integration and continuous deployment in multiple environments.
* Integrated Maven with Jenkins for the build as the continuous integration process.
* Implemented the setup for Master-Slave Architecture to improve the performance of Jenkins.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins, GitHub, and AWS.
* Launching and configuring Amazon EC2 (AWS) cloud Servers using AMIs (Linux/Ubuntu) and configuring the servers for specified applications.
* Worked in Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS(MySQL) Route53, S3, and Utilized Cloud Watch to monitor resources such as EC2, CPU memory.
* Written Dockerfiles for Different environment.
* Deployed and monitored scalable infrastructure on Amazon web services (AWS) and configuration management.

Strong hands on experience in AWS such as EC2, VPC, Cloud Watch, Cloud Formation, RDS, Route53 and IAM.