Pothalapadu (V&P), Tarlupadu(M)

Prakasam(D),ANDHRAPRADESH

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| **BATHULA**  **GOPIRAJU**  GRADUATE | Pin Code:-523315  **(+91)8897803315gopiraju246@gmail.com** |
| **KNOWLEDGE OF DEVOPS TOOLS**   * Utilized Docker to containerize applications and improve deployment speed by 50%, reducing the risk of environmental inconsistencies and improving scalability. * Configured and managed Kubernetes clusters, automating deployment, scaling, and load balancing of containerized applications, improving application availability by 25%. * Developed and maintained infrastructure as code using Ansible, automating server configuration, and software installation, reducing deployment time by 30%. * Implemented continuous integration and continuous delivery (CI/CD) pipelines using Jenkins, enabling faster and more reliable software releases, resulting in a 40% reduction in time to market. * Managed source code with Git, using branching, merging, and code review processes, ensuring code quality and enabling collaboration across the team. * Configured and managed Linux servers, ensuring optimal performance, security, and availability of web and application servers. * Utilized AWS services such as EC2, S3, and RDS, implementing scalable and fault-tolerant solutions for web applications and databases, improving system uptime by 20%. * Developed and maintained infrastructure as code using Terraform, automating infrastructure provisioning and ensuring consistency and reproducibility of environments. | KNOWN TOOLS IN DEVOPS WITH PROFICIENT KNOWLEDGE  * AWS Cloud * Linux (Ubuntu, RedHat) * Docker * KubernetesJenkins * Ansible * GIT * Terraform |

KNOWN LANGUAGES

Telugu, English

# EDUCATION

**SRI RAMAKRISHNA DEGREE(AUTONOMOUS)COLLEGE**

**NANDYAL,KURNOOL.** — *B.SC COMPUTER SCIENCE*

JULY 2014 - MARCH 2017

# PROJECTS

**E-COMMERCE WEBSITE DESIGN**— Java based

Project to develop E-commerce Website

* Implemented end-to-end CI/CD pipeline for a Java-based E-commerce website using Jenkins, Docker, Kubernetes, Ansible, AWS services, Python.Pip, Terraform, and Linux.
* Configured cloud infrastructure in AWS using Terraform and created secure passwordless SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave.
* Installed Jenkins and Docker on the same server and provided necessary permissions to execute Docker commands.
* Created Ansible Controller and managed servers for QA and Prod environments.
* Created KOPS server and K8S Master and slaves for Prod environment.
* Downloaded Java-based code from GitHub, built the artifact using Maven, and created a custom Docker image with the artifact.
* Deployed the Docker image into the Docker registry and deployed the containers into the QA servers using Ansible.
* Tested the application running in the QA servers with the testing codes downloaded from GitHub.
* Deployed the same Docker image into the Prod servers using Kubernetes and created a service definition file to access the application from external browsers.
* Implemented the entire flow using a Declarative pipeline in Jenkins.