Makresh Nayak

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EXPERIENCE

ConstaCloud, Korba — *Server Admin*
NOVEMBER 2022 - PRESENT

- Implemented **a solution for manual change of multiple PHP versions** in Centos 7 server without cpanel,so that each domain uses a specific version of php.

- **Responsible for Linux File Administration** of 36+ Laravel Integrations on live server, server cleanup, backup and monitoring the health of servers.

- **Managing the creation** of FTP and SFTP accounts for Laravel Integrations and **reporting of rollbar errors of multiple projects.**

- Created Bash script **to automate and reduce the time taken on** the installation of LAMP, restart of PHP-FPM services, for creation of FTP and SFTP.

PROJECTS

Flask Microservices using Docker Networking

- Microservice application built using Flask and deployed on Docker. It is designed to demonstrate how to build and deploy microservices on a Docker.
- Implemented a **custom bridge network** for Flask and mongoDB services.

Automating the Delivery of Highly Scalable Reddit Clone Application using CI/CD Pipeline with Docker, Docker Hub, and Kubernetes Minikube

- For the CI component, **implemented a pipeline setup that integrates code changes and test them before pushing** to improve the overall code quality.

- For the CD component, **implemented Kubernetes Minikube to deploy the container images to the appropriate environment** leveraging Kubernetes features such as services and ingress.

- Implemented **monitoring and logging functionalities** to identify and troubleshoot any issues that may arise.

SKILLS

- AWS
- Ansible
- Terraform
- Docker
- Kubernetes
- Kubescape
- Jenkins
- Git & Github
- Linux
- Bash Scripting
- SQL Workbench

LANGUAGES

English, Hindi

EDUCATION

Guru Ghasidas University, Bilaspur — *MCA*
2019 - 2022 - Computer Science and Information Technology

CGPA – 7.5

MCMIT, Korba — *BCA*
2015 - 2018 - Computer Science and Information Technology