

PREM KUMAR BHUPATHI

DEVOPS ENGINEER

CONTACT



[Prem Kumar Bhupathi](#)



Premkumarlinuxadm@gmail.com



+91-9014943854



Hyderabad, Telanaga

RECENT PERSONAL PROJECTS

- Automated AWS infrastructure creation which includes VPC, Subnets, Routing Tables, Web Servers, App Servers,
- Elastic Load balancer, internet Gateway, internal Gateway, S3 bucket and AWS user creation using Github, Terraform and Jenkins.
- Automated web app deployment to tomcat application server using Git, Maven, Jenkins, Tomcat, Nexus, Prometheus & Grafana.
- Automated LAMP stack setup to multiple servers using Ansible.
- Website deployment using docker swarm, dockerhub, jenkins & Git in which web site will be accessible from both docker master and slave nodes.

EDUCATION

MIMS Degree College

B.COM COMPUTER

PROFILE

Experienced DevOps engineer with over 3.8 years of expertise in designing, implementing, and optimizing CI/CD pipelines, cloud infrastructure, and automation processes. Seeking to leverage skills to drive success for a dynamic organization by scaling DevOps practices. Committed to utilizing open-source tools for rapid application deployment and ensuring resilient, self-healing infrastructure. Eager to contribute innovative solutions and enhance operational efficiency in a collaborative, growth-oriented environment

WORK EXPERIENCE

DevOps Engineer

(Perfexion information technologies Pvt Ltd)

Jan 2022 -Present

- Proficient in orchestrating end-to-end Software Development Life Cycle (SDLC) and Agile methodologies ensuring streamlined, automated, and efficient deployment processes.
- Proficient in implementing various CI/CD pipelines using Jenkins for end-to-end application deployment.
- Hands-on experience on implementing 3-tier architecture with Infrastructure as Code (IAC) using Terraform.
- Automated infrastructure deployment through Jenkins pipelines and Terraform.
- Solid expertise in Linux (RedHat and Ubuntu) operating systems.
- Managed Docker containers and Docker hub images, knowledge of Docker Swarm and Stack.
- Configuration management using Ansible for setup, ad-hoc commands, playbooks, and handlers.
- Knowledge of web servers (Apache2, Tomcat, Nginx) and databases.
- Experience in setting up and configuring Kubernetes (K8s) clusters.
- Worked on AWS cloud services including IAM, VPC, EC2, S3, Elastic Block Storage, and Elastic Load Balancer.
- Experience in implementing and optimizing monitoring solutions using Prometheus for metric collection, Grafana for visualization, and Node Exporter for seamless integration, enhancing system observability as a DevOps engineer.
- Skilled in implementing and managing version control with Git, and fostering collaborative development through GitHub
- Security measures including iptables, SSH/SFTP access control, SSL certificate management.
- Linux Administration - User, Group, cron, audit, OS upgradation, etc.

Junior DevOps Engineer

(Perfexion information technologies Pvt Ltd)

Dec 2020 -Jan 2022

- Assisted in the design and implementation of CI/CD pipelines for multiple projects using Jenkins.
- Collaborated with development teams to optimize build processes and resolve integration issues.
- Supported the deployment and configuration of applications on Tomcat and Apache2 servers.
- Assisted in the migration of on-premise infrastructure to AWS, optimizing resource utilization and cost-efficiency.
- Participated in on-call rotation and responded to incidents promptly, ensuring system availability.