

BALAJI M

CLOUD & DEVOPS ENGINEER

Velachery, Chennai - 42

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CAREER OBJECTIVE

To work in a competitive environment using my skill set with the best of my ability to help the organization achieve its targets and to enhance my overall development as an individual.

PROFESSIONAL SUMMARY

A Cloud enthusiastic team player with 6 years of overall experience and having 3 Years of Experience in IT Cloud and DevOps Engineer with proven expertise in Automation, Build/Release Engineering and Software development involving cloud computing platforms like Google Cloud (GCP) and Azure.

TECHNICAL SKILLS

- **Cloud Environment:** Google Cloud Platform (GCP), Azure
- **Infrastructure as code:** Terraform, ARM Templates Window server management
- **Containerization Tools:** Docker, Kubernetes.
- **Automation & Configuration Tools:** Azure Repos, Ansible, Azure DevOps/Pipelines.
- **Orchestration Tools:** Kubernetes.
- **Bug Tracking Tools:** JIRA, remedy.
- **Monitoring:** Prometheus, Azure Monitoring/App Insights, Cloud Monitoring/Logging

EXPERIENCE

JULY 2020 – CURRENT

CLOUD & DEVOPS ENGINEER, SUPRA COMPUTER SERVICES

- * Worked on Google Cloud Platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring, and cloud deployment manager.
- * Managed Docker orchestration and Docker containerization using Kubernetes. Used Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers
- * Created and deployed Kubernetes pod definitions, tags, labels, and multi-pod container replication. Managed multiple Kubernetes pod containers scaling, and auto-scaling.
- * Deployed pods using Replication Controllers by interacting with Kubernetes API server and defining through declarative YAML files.

- * Implementation of new tools such as Kubernetes with Docker to assist with auto-scaling and continuous integration (CI) and upload a Docker image to the registry so the service is deployable through Kubernetes. Use the Kubernetes dashboard to monitor and manage the services.
- * Worked on installing, configuring, and managing Docker Containers, Docker Images for Web Servers and Applications and Implemented Docker -maven-plugin in and maven pom to build Docker images for all Micro services and later used Docker file to build the Docker images from the java jar files
- * Created Docker images using a docker file, worked on Docker container snapshots, removing images, and managing Docker volumes and virtualized servers in Docker as per QA and Dev-environment requirements and configured automation using Docker containers
- * Configuring with different artifacts to make an image and deploy Docker image to install the application on an instance, maintain and troubleshoot for any user issues or network problems
- * Implemented Infrastructure automation through Ansible for auto-provisioning, code deployments, software installation and configuration updates.
- * Site Reliability Engineering (SRE) to automate manual tasks from an Operations standpoint to meet the SLAs. Responsible for application monitoring, performance, availability ensuring the systems are up and running. Provide on-call support (L2/L3) for applications deployed in Cloud & Kubernetes.

DECEMBER 2018 – JUNE 2020

SYSTEM ADMINISTRATOR-(L2 SUPPORT), SUPRA COMPUTER SERVICES

- * Manage network servers and technology tools
- * As a systems administrator, I manage and maintain a multi-server environment, ensuring 99.9 percent or better uptime. Evaluate, monitor, and enhance IT infrastructure with an emphasis on availability, reliability, and security.
- * Managed and monitored databases, networks, email systems, and backups on multiple servers.
- * Upgrade systems with new releases and models
- * Develop expertise to train staff on new technologies

JUNE 2017 – NOVEMBER 2018

SYSTEM ADMINISTRATOR-(L1 SUPPORT), SUPRA COMPUTER SERVICES

- * Respond to and resolve help desk requests
- * Monitoring system performance and troubleshooting issues
- * Install and configure software and hardware
- * Troubleshoot issues and outages
- * Monitor performance and maintain systems according to requirements

EDUCATION

MAY 2021 - PRESENT

MASTER OF COMPUTER APPLICATIONS, ALAGAPPA UNIVERSITY - DISTANCE EDUCATION

JUNE 2013 - MAY 2016

BACHELOR OF COMPUTER APPLICATIONS, GURU NANAK COLLEGE - CHENNAI, TN