Bharath kumar R
DevOps Engineer

Seeking a DevOps engineer position to leverage my 3.5 years of experience in the IT Industry, while being resourceful, innovative, and flexible. I am eager to collaborate with a team of dedicated professionals and strive to achieve new heights in my career.

CONTACT

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CORE COMPETENCIES

Scripting Languages :
Bash Shell Scripting

Continuous Integration (CI,CD)
Jenkins, Azure Devops

Infrastructure :
Terraform

SCM Tool :
Git, Github, Azure Repo

Containerization :
Docker

Container Orchestration :
Kubernetes

Cloud Platform :
AWS

Configuration Management:
Ansible

Monitoring :
CloudWatch, Prometheus & Grafana

Defect Tracking Tool :
Jira, Delphi

OS :
Linux, Unix, Windows Servers

Other :
Helm Chart

EDUCATION

2020 B.E.(ECE) from
Sri Ramakrishna Institute
of Technology,
Anna University, Chennai

PERSONAL DETAILS

Date of Birth :
26th October 1998

Languages Known :
English, Kanada & Tamil

PROFILE SUMMARY

- Seasoned IT professional with a comprehensive background spanning over 3.5 years in the industry, In which 2.5 years in DevOps featuring 1.5 years of experience in AWS-based Infrastructure, Cloud solutions and 1 years of experience in Continuous Integration, Configuration Management.
- As a DevOps engineer responsible for availability, latency, performance, efficiency, change management, monitoring, emergency response, and capacity planning.
- Proficiency in SCM techniques – branching, merging, controlling and monitoring code changes.
- Documenting Configuration management plans, processes, and procedures; monitoring, maintaining & controlling hardware and software configurations.
- Implemented Auto-build process by using Maven.
- Experience on Ansible Configuration & to automate Infrastructure by implementing Playbooks.
- Good in Implementing Ansible-Vault, Inventories, Roles, Tasks, Variables, Handlers.
- Good experience in implementing Pipeline as a code in Jenkins as part of CI, CD.
- Responsible for deploying applications in Tomcat in the PROD environment.
- Having good knowledge on Python and Shell Script to automate repeated Tasks.
- Strong knowledge on Docker i.e.) Architecture, Images, Containers, Multi-Stage dockerfile.
- Using Terraform as an IaC to spin up infra as per requirement.

AWS SKILLS

- EC2 instances, EBS volumes, security groups, managing AMIs, snapshots, load balancing, and auto scaling.
- IAM, ECS, S3 buckets, VPC, subnets, internet gateway, NAT, peering connection, VPN, NACL, transit gateway, network firewall, and Route 53.
- Monitoring and managing AWS services, event alarms, activity logs, and DNS zones using AWS CloudWatch and CloudTrail.
- Leveraging AWS security tools such as CloudTrail, Config, GuardDuty, and SecurityHub.
- Creating and managing deployments using code build, code deploy, code commit, and code pipeline services.
- Facilitating application services like SES, SNS, SQS, and CloudFront to integrate with various client applications.
- Other AWS services like Glacier, RDS, DynamoDB, Lambda, and working with AWS CLI.
- Creating and Managing Cloud Formation templates.

WORK EXPERIENCE

Feb'23 - Present: Senior Software Engineer

Company Name : GlobalLogic India Pvt Ltd.
Location : Chennai
Client : Caerus US 1, Inc
Project Synopsis :
Caerus US 1, Inc is a subsidiary of Citeline, specializing in providing critical intelligence and data solutions for the pharmaceutical and medical technology sectors. The company focuses on drug development information, clinical trial insights,
and market intelligence, aiding stakeholders in making informed decisions.
Languages and Tools Used :
Linux, Windows, GIT, Bash/Shell scripting, Azure Devops pipeline, Terraform, AWS services, YAML files, Docker, Kubernetes, Prometheus, Grafana, Jenkins, Makefile, Ansible
Key Result Areas:

- Developed reusable Terraform modules for consistent deployment across multiple environments, enhancing team productivity.
- Utilized Terraform and Azure Devops for creating automated infrastructure management, streamlining deployment processes.
- Worked with various AWS services, like S3 for storage, EC2 for compute, VPC for networking, IAM for access management, CloudWatch for monitoring, and CloudTrail for logging, Auto Scaling Groups (ASG) for dynamic scaling, API Gateway for managing APIs, and Secrets Manager for secure credential storage.

Mar'21 – Jan'23 : Software Engineer

Company Name : GlobalLogic India Pvt Ltd.
Location : Chennai
Client : Ericsson
Project Synopsis :
Ericsson BSCS IX (Business Support & Control System) is an end-to-end rating, billing and customer care solution designed for telecommunication operators. Which supports different services like GSM, Voice call, Fax services, SMS & MMS, Internet connection, Data download & upload. BSCS application rate the incoming CDR's (Call Detail Records) calculate the amount and apply discount if configured and then generates customized bill on the configured bill cycle date to the subscribers.

Languages and Tools Used :
Linux, Windows, GIT, Maven, Bash/Shell scripting, Jenkins pipeline, Ansible, Cronjobs, Prometheus, Grafana
Key Result Areas:

- Developed and maintained CI/CD pipelines using Jenkins, automating build, test, and deployment processes to enhance software delivery efficiency.

- Utilized Git for version control, managing code repositories, branching strategies, and facilitating collaborative development through pull requests.

- Implemented configuration management and automation using Ansible, streamlining application deployment and system administration tasks across multiple environments.

- Developed and maintained shell scripts for automating routine tasks, enhancing system administration efficiency and reducing manual intervention.