

R SURESH

DEVOPS ENGINEER

Professional Attributes

- 3 years of professional IT experience in Cloud computing, DevOps implementation, Build & Release engineering, and Linux Administration.
- Designed end-to-end automation of infrastructure and continuous delivery of applications using Jenkins, Terraform, and Kubernetes.
- Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
- Good understanding and implementation experience of CI/CD pipeline automation, creating Jenkins jobs and pipelines, and solving various problems with ANT, Maven, and Gradle as plugins.
- Experience with installation and configuration of Docker environments, including Docker registry hub for managing different Docker images and deployment of applications inside software containers.
- Provided a consistent environment using Kubernetes for deployment, scaling, and load balancing to the application from development through production, easing the code development and deployment pipeline by implementing Docker containerization.
- Experience in working with AWS resources like IAM, EC2, EBS, S3, ELB, VPC, ECS, Lambda, Route 53, Auto Scaling, CloudWatch, and experienced in Cloud automation.
- Expertise in configuration and automation with Jenkins, Ansible, and Docker.
- Used ticketing tool JIRA to track defects and changes for change management and monitoring tools like New Relic and CloudWatch in different work environments in real and container workspace.

Technical Skills

- Automation Tools:- Jenkins, Ansible, Docker, Kubernetes, Terraform
- Cloud Platforms:- Amazon Web Services
- Version Control Tools:-GIT, Subversion, Bitbucket
- Web Servers:-Tomcat, Nginx
- Scripting/Languages:-Shell, JSON, YAML, Groovy
- Application Servers:- Web Logic Application server 9.x, 10.x
- Operating Systems:- Linux (Red Hat 4/5/6/7, CENTOS & SUSE), Ubuntu 12/13/14

Work Experience

RAASOFT INFOTECH PRIVATE LIMITED

Role:- DevOps Engineer

GENERAL AERONAUTICS PRIVATE LIMITED

Role:- Jr.DevOps Engineer

FLOOREDGE SOLUTIONS PRIVATE LIMITED

Role:- DevOps Associate Consultant

Projects

Project 1:- MARKAAZ

Environment:-Git-lab CI-CD, Git-lab Package Registry, Git-lab Container Registry, Git-lab Security(SAST) , Terraform, File.com, Data Dog, AWS ECS , AWS Cloud front, Route 53, S3 , Redis, VPC, EC2, AWS Control Tower, EFS, Batch, Lambda, SQS, SNS, SES, Security Hub , Cloud watch, Cloud trail, Secret Manger, IAM, RDS, Transfer Family, DynamoDB, Quick Site, Cognito , etc..

Role:- DevOps Engineer

Project Description

Markaaz is the global business identity platform enabling banks, fintechs and others to verify and onboard more businesses, accelerating access to vital services.

Roles and Responsibilities:

- Implemented scalable AWS infrastructure using Terraform and CloudFormation.
- Automated CI/CD pipelines with GitLab, reducing deployment times by 50%.
- Developed monitoring and alerting systems using Datadog enhancing system reliability.
- Implemented cost-optimization strategies for AWS, resulting in a 30% reduction in monthly cloud expenses.
- Managed and automated infrastructure provisioning using Terraform and Ansible, promoting Infrastructure as Code principles.
- Integrated GitLab CI/CD pipelines to streamline the development workflow.
- Deployment Provisioning creating through terraform.
- Designed and maintained Docker container orchestration with Kubernetes.
- Implemented robust logging and monitoring solutions with ELK Stack, improving incident response times.
- Collaborated with development teams to ensure seamless code deployments and environment consistency.

Project 2:- Virgin Cruise Lines (previous company) Client:-Virgin Voyages

Environment:- GIT, Jenkins, Ansible, Docker Swarm, Linux **Role:-** DevOps Engineer

Project Description:-

Virgin Voyages is a cruise line headquartered in Plantation, Florida and a joint venture between the Virgin Group and Bain Capital. Virgin Voyages has one ship in the fleet, with three more on order, all with an expected capacity of approximately 2,700 passengers each.

Roles and Responsibilities:

- Built deployment pipelines using Jenkins as a frontend for continuous deployment to local staging and test environments and to production environments on demand, using a combination of Ansible, Docker, AWS tools, and Shell scripting.
- Deploying applications using Jenkins server and troubleshooting build and release job failures, resolving issues, and working with engineers on resolutions.
- Integrated ANT and Maven with Jenkins to automate the build process as part of continuous delivery.
- Managed version control tool GIT to version code changes to help developers/programmers branch/merge/revert code.
- Worked on Docker engine to create and use containers, SaaS-based services for creating and sharing Docker services in Docker Hub.
- Participated in weekly release meetings with technology stakeholders to identify and mitigate potential risks associated with releases.
- Reviewed/Merged/Removed Git Pull Requests to Bitbucket.
- Hands-on experience with Git/GitHub for code check-ins/checkouts, branching, etc.
- Configured and deployed artifacts into several environments using the primary automation deployment tool Ansible.
- Used Ansible and other configuration management tools to deploy consistent infrastructure code across multiple environment
- Created Docker images using Docker files. Worked on Docker container snapshots, removing images, and managing Docker volumes and experienced with Docker container service.

Education

- Bachelor of Commerce (Computers)
Sri Venkateswara University, 2020