**Divyarajsingh Mandale Mobile: +91-8551042070**

**E-mail: divyarajmandale18@gmail.com**

**Professional Summary**

Accomplished DevOps Engineer with three years of hands-on experience in implementing, automating, and optimizing infrastructure and workflows. Proficient in deploying, maintaining, and monitoring applications on various platforms, specializing in cloud-based environments. Adept in creating and managing CI/CD pipelines, ensuring the efficiency and reliability of software delivery. Skilled in scripting and automation to streamline processes, optimize performance, and enhance system scalability. Strong problem-solving abilities combined with a proactive approach to continuous improvement, driving operational excellence and fostering collaborative, cross-functional teamwork.

**Technical Skills**

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| **Continuous Integration Tools** | Jenkins, GitLab CI |
| **Containerization and Orchestration Tool** | Docker, Kubernetes |
| **AWS Infrastructure Provision** | Terraform |
| **Source Code Management Tools** | Git, GitHub |
| **Monitoring Tools** | Prometheus, Grafana |
| **Scripting** | Shell, Python (Basics) |
| **Build Tools** | Maven |
| **Application Server** | Tomcat |
| **Artifactory Repository** |  |
| **Source Code Quality Management Tool** | SonarQube |
| **Command Line Editors** | vi, vim, Visual Studio Code |
| **Cloud Environment** | AWS |
| **Operating Systems** | Windows, Linux |

**Professional Experience**

**Senior Software Engineer**

Globallogic Inc, Jun 2022 - Present.

**Roles and Responsibilities:**

* Implemented AWS solutions using VPC, EC2, S3, RDS, IAM, Elastic Load Balancer, Auto- scaling, Security groups and cloud watch.
* Experienced in Design, develop, and maintain infrastructure automation scripts and templates using tools like Terraform and to automate the provisioning and scaling of infrastructure resources.
* Responsible to manage and maintain version control systems like Git, Bitbucket for source code and infrastructure code.
* Implementing branching strategies for code repositories and enforce best practices.
* Creating and Deploying War / Jar files using Maven and Tomcat application servers.
* Hands on experience to create, maintain, and enhance CI/CD pipelines using tools like Jenkins, Travis CI, GitLab CI/CD to automate software testing, building, packaging, and deployment processes in various environments.
* Writing scripts and automation tools to simplify repetitive tasks and maintenance.
* Working with containerization technologies like Docker to package applications and services.
* Worked on creation of custom Docker container images, tagging and pushing the images.
* Responsible for managing Docker hub private registry and containerized applications and microservices.
* Experienced on container orchestration platforms like Kubernetes to automate deployment, scaling, and management of containerized applications.
* Experienced in writing deployment files, Namespaces, Services, pod’s.
* Implemented Jenkins pipeline for deploying my customized Docker containers into the Kubernetes cluster.
* Set up monitoring and alerting systems to track system performance and health and implement centralized logging solutions using CloudWatch for log analysis, troubleshooting and debugging.
* Analyse logs and metrics to identify and resolve problems quickly.
* Optimize resource usage and cost-effectiveness.
* Perform deployments to multiple environments like Dev, QA and Staging environments.
* Identifying performance bottlenecks and work on optimization strategies for both infrastructure and application code.
* Participate in an on-call rotation to address critical incidents outside of regular business hours.
* Lead and managed a team of 7 members in project.

**Software Engineer**

Aris global ltd Feb 2021 to Jun 2022.

**Roles and Responsibilities:**

* Responsible to provide highly efficient architecture to run the application with negligible down time using Git, Maven, Jenkins, Docker, multiple ec2 instances with load balancers to manage load requirements Architecture also includes RDS, VPC and other services of AWS.
* Participated in review meetings of various deliverables for release/projects.
* Creating and implementing Production Work Plans according to client’s requirements.
* Responsible for tagging and maintain code on version control GIT.
* Perform Build activities using Maven and Jenkins tool.
* Responsible for creating Builds and Deployments Plans.
* Responsible to create branches in Git and merging branches as part of the Release management process.
* Responsible for Build and Release management using Git and Maven.
* Experienced in managing infrastructure as a code using Terraform.
* Responsible for automating CI/CD using Jenkins by installing plugins for generating Project artifacts, configuring Jenkin Jobs and administering Jenkins CICD tool by integrating Git, GitHub, Bitbucket.
* Responsible to write customized Docker files to create docker images, push the images to the Docker private registry and tagging the images and responsible to maintain docker private registry.
* Perform Deployment of War/Jar files in Tomcat application servers using Shell script.
* Perform deployments to multiple environments like Dev, QA and UAT environments.
* Used Kubernetes to orchestrate the deployment, scaling and management of docker containers.
* Implemented Jenkins pipeline for deploying my customized Docker containers into the Kubernetes cluster.

**Academic Summary**

* **BE** in **Mechanical Engineering** from **RTMNU University**

**Awards**

* Spotlight of the Month
* Ace of the Month (3 times).