

# KAUSHIK B L

## Senior Software Engineer

### CONTACT

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### EDUCATION

**B.E - Mechanical,**  
VTU, Belagavi

### TOOLS

- Git, GitHub
- Jenkins
- SonarQube
- docker
- trivy
- Kubernetes
- Ansible
- Terraform
- Prometheus
- Grafana
- Kibana
- aws
- Jira
- VS Code

### CERTIFICATION

Aws cloud practitioner

### SUMMARY

- Overall 12+ years, 5+ years' experience in DeVops with specialization in Git, Jenkins, Maven, SonarQube, Ansible, terraform Docker, Kubernetes, Prometheus, Grafana, Kibana and Cloud Platform like AWS and Azure (Beginner).
- Implemented CICD pipeline for a microservice architecture for End-to-End automation for all build and deployment.
- Integrated automated security testing tools into CI/CD pipelines.
- Hands-on experience in creating docker file, image and container.
- Experience in Kubernetes cluster setup and creating manifest files for creating pods, service, namespace, replication set, load balancer, ingress, tls secret, network policy and RBAC.
- Exposure on creating EKS cluster, DHC Caas cluster, Harbor and ECR registries.
- Ensured health and performance of Kubernetes cluster and application by setting up of monitoring tools.
- Worked with dev, QA, business and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the Building and Deployment
- A constant learner and always keen on learning new things that helps in individual growth as well the growth of organization.
- Strong experience working in Agile methodology.

### PROFESSIONAL EXPERIENCE

#### Capgemini

July 2022 – Present

#### Role: Senior DevOps Engineer

#### Client - MBRDI

- Setting up of Git Repository and Branches for new project.
- Giving access and Allowing Developers to check in code.
- Setting up of Jenkins server and create roles to developers.
- Creating Jenkins CICD pipeline for dev, qa, pre-prod and prod environment.

## RECOGNITION

- *Star Performer*
- *On Spot Award* for quality deliverables
- *Star of the Sprint* for quick improvement of code quality and coverage.
- *Employee of Month* for implementing automation.

## RESPONSIBILITIES HELD

- Team Lead
- Train new associates on DevOps

## INTERESTS

- Music
- Terrace Gardening
- Travelling
- Painting

- Collaborate with developer to determine an appropriate build schedule and deployment process to respective environments.
- Configure GitHub Webhooks with Jenkins to automate the build process.
- Configure Jenkins with SonarQube and covertly plugins to scan source code for quality gate analysis.
- Setting up of Harbor registry to manage the Docker images and artefacts.
- Creating LB for each environment and mapping with the domain names.
- Ensuring website with SSL encryption.
- Configuring ingress with secrets by bundle certificate with intermediate CA chain.
- Responsible for dockerizing applications by creating docker file.
- Ensure automation in builds and deployment process using Containerization Tools Docker and Orchestration tools Kubernetes.
- Ensuring Health and performance of Kubernetes cluster by setting up monitoring tools like Prometheus and Grafana.
- Configuring ELK stack to aggregate logs from all our systems and applications, analyse these logs, and create visualizations for application and infrastructure monitoring and faster troubleshooting.

## Xitadel

July 2019 – Feb 2022

### Role: DevOps Engineer

#### Client - Esi Software

- Build and deploy of code to different environment.
- Creating automated build and release environment using continuous integration tools Jenkins.
- Work with project teams to determine an appropriate build schedule, then build and deployment process to respective environments.
- Configured Jenkins with GitHub Webhooks to automate the integration and notifying the errors in source code to the developers.
- Work closely with Development and QA teams on building and Deployment issues.
- Trouble Shooting in Application server when any issue rise.

- Created Ansible playbook to manage configurations and automate installation process.
- Responsible for dockerizing applications.
- Responsible for configuring docker private registries to maintain docker images.
- Hands on experience in automating builds and deployment process using Docker Containerization Tools and its Orchestration tools Kubernetes.
- Responsible for creating Kubernetes manifest files like service, replica set, deployments, hpa, ingress and managing Containers and Pods.
- Participated in projects in all stages of the product life cycle (SDLC) of the application.

## **Xitadel**

**Nov 2017 – June 2019**

### **Role: DevOps Engineer**

#### **Client - RNTBCI**

- Configured Jenkins jobs with Git and Maven for generating artifacts.
- Configured Jenkins for deployment of the application in servers.
- Maintaining the versions of Jenkins artifacts in Nexus repository.
- Maintaining backups of Jenkins jobs to ensure the files in Workspace available.
- Managing Jenkins load by creating Jenkins slaves and ensuring parallel builds.
- Configured servers and deployed in different environments like Dev, QA and Prod.
- Configured Jenkins with GitHub Webhooks to automate the integration and notifying the errors in source code to the developers.
- Configuring the Docker containers and creating Docker file for different environments.
- Responsible for creating Docker volumes and Docker Networks.
- Hands on experience in automating builds and deployment process using Docker Containers using Docker Containerization Tools and its Orchestration tools Docker Swarm.
- Configured Docker private registries to maintain Docker images for future usage.
- Strong experience in Docker-Swarm cluster setup and deploying applications in Kubernetes cluster Implemented CI/CD using Jenkins and Docker.

**Role: QA****Client - General Motors**

- Organized Test Plan during initial phase of project, prepared test scripts, created Release note in Confluence, setup/link Test Lab with release cycle, executed test cases and recorded in TestRail.
- Interacted with developers and Business analysts to perform various types of testing throughout software testing life cycle and bug life cycle.
- Involved in Adding sessions to Test Harness using GIT.
- Analysed test results and report issues in Redmine.
- Verified the defects, investigated problems, and follow up with developers on the results.
- Provided analysis from end-to-end solution and research for post-implementation issues.
- Involved in providing technical support and assistance to the customers.
- Responsible for carrying out industrial simulation project and hence quantifying and improving data quality.
- Involved in Daily Running of Automated test framework Test Harness to monitor the regression.
- Involved in UAT testing, SIT Testing, Regression Testing and Functional testing.
- Performed Val grind check to find leaks and memory error in the code.
- Recommended changes to make application more efficiency.
- An active participant of agile process