

RAJESH ALLI

DEVOPS ENGINEER



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About Me

4 years of experience as a DevOps Engineer. As a DevOps Engineer, I have experience in infrastructure automation, CI/CD Pipeline, and build release management.

Professional Summary

- 4 years of relevant experience in DevOps and Linux, Git, Maven, Jenkins, Nexus, SonarQube, Ansible, EKS, Docker, Kubernetes, and AWS.
- Familiar with Software Development Life Cycle (SDLC) processes.
- Experience in multi-platforms like Ubuntu & CentOS production, test, and development servers. Used JIRA as a ticketing tool.
- Worked with version control systems like GIT and using SCM tools GitHub.
- Experience on GitHub Permissions.
- Performed CI (continuous integration) using Jenkins.
- Experience in Jenkins email integration and backup Jenkins.
- Configured Docker and Kubernetes in Jenkins.
- Utilized Maven as a build tool.
- Installed and Configured Nexus Repositories.
- Experience in Docker image creation with Docker files and Docker container configuration. Experience with Kubernetes cluster, Deployments, and monitoring.
- Experience in EKS cluster deployments.
- Good knowledge of monitoring tools like Prometheus & Grafana.
- Configured Prometheus & Grafana in the EKS cluster.
- Familiarity with AWS infrastructure management using Terraform.
- Worked on Amazon web services like EC2, IAM, VPC, EKS, Route 53, and Security groups.
- Creation of IAM users and groups and managing user access and permissions.
- Having good troubleshooting skills which helped in building, deployment, infrastructure, and network-related issues.
- Good understanding of bug analysis, and interaction with development and QA teams to correct defects and build failures.
- Extensive experience with installing and configuring DevOps tools.
- Ability to work collaboratively with teams to ensure quality and timely release delivery.
- Sound knowledge on Shell-Scripting

Education

B.Tech from Talla Padmavathi College of Engineering.

Project History

Project: PMS (Pharmaceutical Management System)

Client: AbZ-Pharma GmbH

Roles and responsibilities

- Configured the setup for Master-Slave architecture to improve the Performance of Jenkins.
- Setup and build AWS infrastructure with Terraform, resources such EC2, S3, VPC, Subnets, EKS, Route53, IAM and Security Groups.
- Actively contribute and expand our Continuous Delivery (CD) capabilities.
- Node & Pod maintenance in Kubernetes.
- Kubernetes pod pending issues and also done HPA.
- on docker customized images, handled multiple images, tagged, and pushed the images into the private registry.
- Created the declarative pipelines to create quality reports using SonarQube.
- Used Jira for workflows.
- Created test environments for experimental cases to try out the new solutions.
- Setting up repositories/Hotfix/feature branches at the request of the developer.
- Knowledge transfer and mentoring of business processes to junior levels.
- Responsible for K8's components such as Deployment, Service, Ingress, ReplicaSet, and PV & PVC.
- Jenkins to Kubernetes integration.

Project: HCLS (Hospital Care Logistics System)

Client: brüderhaus Koblenz

Roles and responsibilities

- Managed Amazon Web Services like EC2, S3 bucket, IAM roles through AWS Console.
- Configured Ansible modules for AWS cloud deployment.
- Worked with Ansible playbooks for configuration management.
- Worked on in automating CI & CD pipeline using Jenkins tool and Creating pipeline jobs through integration with Git, Maven Build, and nexus.
- Integrated Git, Jenkins, and maven in accomplishing continuous integration and configured Jenkins with Poll SCM build trigger.
- Integration of Route 53 with external DNS.
- Managed Git repositories for branching, merging, and tagging and GitHub/Bitbucket webhook configurations.
- Tracking JIRA tickets on hold.
- Blocking IP through AWS WAF rules.
- Installing and updating the Jenkins plug-ins to achieve CI/CD.
- Responsible for the maintenance/management of the GIT version control tool.
- Provide Jenkins Role-based access for the team.
- Raising AWS support ticket for the EC2 issues
- Create IAM Users & IAM roles as well as provide access

Experience

Dhatsol IT Solutions PVT LTD 2019 - till date

DevOps Engineer

Duration: from April 2019 till date.

Location: Hyderabad, India

Dhatsol IT Solutions PVT LTD 2017 - 2019

Technical Support

Duration: from August 2017 to March 2019.

Location: Hyderabad, India

Technical Skills

Linux (Centos & RedHat)



GIT (GitHub)



Kubernetes



Docker



Jira



Terraform



AWS



Prometheus & Grafana



Jenkins



Ansible

