



RITIK RANJAN

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CAREER OBJECTIVE

To have a growth oriented and challenging position in a progressive and prestigious organization, where my skills are utilized in a bestway with scope of learning, innovation and all-round career development.

PROJECTS

Deployed Node Todo App on AWS

July 2023

- Setup and managed two (t2.medium) AWS EC2 instance.
- Setup and managed Docker container for Node application.
- Setup and managed CICD pipeline on Jenkins.
- Setup and managed SonarQube for Node application.
- Jenkins and SonarQube integration.
- Add build steps in configuring the pipeline to code analysis and deployment.

Achievement: SonarQube detects bugs in the code and reduces the risk of software development automatically and alerts developers to fix them.

Deployed Django Todo List on Kubernetes

June 2023

- Built Kubernetes Cluster on AWS from scratch with Minikube.
- Setup and managed Docker container for Django application into Kubernetes Pods.
- Managed Deployment, Replication, Auto-healing and Auto-scaling for Kubernetes cluster.
- Managed network and service with Host IP allocation.

Achievement: Reduced Downtime on Production Environments.

Setup Local Gitlab Runner on Ubuntu and Configured the runner on Gitlab Pipeline

March 2024

- Installed Local Gitlab runner on Ubuntu.
- Configured this runner on Gitlab Pipeline with Job tag.
- Used Local Gitlab Runner to trigger Gitlab Pipeline job.

Achievement: A runner is a lightweight, highly-scalable agent that picks up a CI job through the coordinator API of GitLab CI/CD, runs the job, and sends the result back to the GitLab instance.

KEY STRENGTHS

- Problem Solver
- Quick Learner
- Hard Working
- Team Player

SKILLS

- Languages : HTML & CSS.
- Tools : Docker, Jenkins, Kubernetes, GitLab, Git, GitHub, SonarQube, Blackduck, Polaris
- Cloud : AWS
- OS : Linux
- Excel

EXPERIENCE

Full Time: DevSecOps Engineer

SecIQ Technologies LLP

July 2023 – Present

Client: - Wabtec Corporation

- Onboarding applications and projects on security tools for SCA(Blackduck) and SAST(Coverity on Polaris), ensuring comprehensive security scanning and vulnerability detection.
- Configure the security stage on Gitlab pipeline and seamlessly integrated Blackduck and Polaris with Gitlab projects, enabling automated security scans and ensuring early detection of vulnerabilities.
- Set up Blackduck and Polaris scans on various operating systems, including Windows, Linux, and MacOS, ensuring compatibility and coverage across different environments.
- Proactively resolving incidents and errors related to Blackduck and Polaris, adhering to SLA terms and minimizing downtime and disruptions to the development process.

Summer Intern: DevOps Engineer

Crimzen Red Studios

October 2022 – December 2022

- Successfully deployed Nakama Server on AWS, utilizing tools such as AWS EC2, Git, Github, Docker, and Jenkins, to build an online multiplayer game for Crimzen Red Studios.
- Implemented Cockroachdb on AWS as the game database, leveraging AWS EC2, Git, Github, Docker, and Jenkins, to ensure efficient and reliable data storage and retrieval.
- Collaborated with the development team to ensure seamless integration of the Nakama Server and Cockroachdb into the game infrastructure.

EDUCATION

B.Sc – Information Technology

Gossner College, Ranchi

August 2019 – August 2022

University: Ranchi University

CGPA: 8.73

Intermediate

R.N.T.I College, Ranchi

May 2017– May 2019

Board: Jharkhand Academic Council (JAC)

Percentage: 49.6%

Matriculation

Greenland Public School

May 2017

Board : Central Board Of Secondary Education(CBSE)

Percentage: 85.5%