

RITIK RANJAN – DevSecOps Engineer



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I have 1 Year experience as a DevSecOps Engineer with a focus on ensuring comprehensive security scanning and vulnerability detection. My experience includes security tools such as Blackduck and Polaris, configuring security stages on Gitlab pipelines, and conducting FST scans on Jfrog tool. I am proficient in setting up scans on various operating systems including Windows, Linux and MacOS. I have a strong track record of proactively resolving incidents and errors related to security tools, minimizing downtime and disruptions. I am committed to ensuring the integrity and security of software applications. My expertise in DevSecOps and my ability to seamlessly integrate security scans into the development process make me a valuable asset to any organization.




TOOLS & TECHNOLOGIES

Languages: HTML, CSS, Python | **Container:** Docker, Kubernetes | **Version Control:** GitLab, Git, GitHub | **CICD:** Jenkins, Gitlab
Security Tools: SonarQube, Blackduck (SCA), Polaris (SAST), Invicti (DAST) | **Platform:** DevOps, AWS
Operating System: Windows, Linux | Microsoft Excel

PROFESSIONAL EXPERIENCE

Full Time: DevSecOps Engineer SecIQ Technologies LLP Client: - Wabtec Corporation	 July 2023 – Present
<ul style="list-style-type: none">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.Conducted FST (File System Testing) scans on Jfrog tool to identify and address security vulnerabilities, ensuring the integrity and security of the software applications.Proactively resolving incidents and errors related to Blackduck and Polaris, adhering to SLA terms and minimizing downtime and disruptions to the development process.	
Intern: DevOps Engineer Crimzen Red Studios	 Oct 2022- Dec 2022
<ul style="list-style-type: none">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.	

PROJECTS

Deployed Node Todo App on AWS	 July 2023
<ul style="list-style-type: none">Successfully set up and managed two (t2.medium) AWS EC2 instances, ensuring smooth and efficient deployment of applications.Implemented and maintained Docker containers for Node applicationsIntegrated Jenkins and SonarQube, enabling seamless code analysis within the CICD pipeline, facilitating early detection and resolution of code issues.Configured build steps in the pipeline to include code analysis and deployment, ensuring a streamlined and efficient development process. <p>Achievement: SonarQube detects bugs in the code and reduces the risk of software development automatically and alerts developers to fix them.</p>	
Deployed Django Todo List on Kubernetes	 June 2023
<ul style="list-style-type: none">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. <p>Achievement: Reduced Downtime on Production Environments.</p>	
Setup Local Gitlab Runner on Ubuntu	 March 2024
<ul style="list-style-type: none">Successfully installed and configured a Local Gitlab runner on Ubuntu, enabling seamless integration with Gitlab Pipeline.Utilized the Local Gitlab Runner to trigger Gitlab Pipeline jobs, ensuring smooth and automated execution of tasks.Maintained clear and concise documentation of the installation and configuration process, facilitating future reference and knowledge sharing. <p>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.</p>	

EDUCATION

B.Sc – Information Technology | Gossner College, Ranchi, Jharkhand | 2022
Intermediate | R.N.T.I College, Ranchi, Jharkhand | 2019

KEY STRENGTH

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

CERTIFICATIONS / AWARDS:

- DevOps Certificate