

RAKESH KUMAR

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SKILLS

Docker, Jenkins, Amazon Web Services (AWS), React.js, HTML & CSS, Bootstrap, JavaScript, Python, Shell scripting, Linux, Git, GitHub, Java, Apigee Edge, Postman, [Backstage.io](#), Typescript

WORK EXPERIENCE

Torry Harris Integration Solutions

Bengaluru

Associate Software Engineer

Nov 2021 - Present

- Currently working on [backstage.io](#), an **open-source tool** for BT (British Telecom), focusing on developing **custom plugins** and containerization, as well as managing Docker containers on **AWS**.
- Created a frontend and backend for non-functional testing using React.js for the frontend, Node.js for the backend, and JMeter & BlazeMeter for testing.
- Designed and developed API proxies using Apigee Edge to enable seamless integration between applications and backend services.
- Conducted thorough testing of the REST API using Postman and Datadog, leading to improved reliability and reduced error rates.

PERSONAL PROJECTS

DevOps Projects

City, State

DevSecOps Netflix Clone CI/CD Pipeline

- **Orchestrated** a DevSecOps transformation to fortify security and streamline the CI/CD pipeline.
- Conducted meticulous requirements analysis ensuring precise alignment with project goals and objectives.
- Implemented and fine-tuned essential tools such as **Docker, Kubernetes, Jenkins, SonarQube**, Prometheus, Grafana, and OWASP Dependency Check Plugins to elevate development efficiency and enforce security protocols.
- Leveraged Docker technology for seamless **containerization** and deployment, optimizing resource allocation.
- Demonstrated **problem-solving** prowess by effectively resolving challenges including Jenkins permission issues and port access errors, ensuring uninterrupted project progress

Containerization of Java Project

City, State

SpringBoot streamlined CI/CD pipeline/[BlogPost](#)

- Configured and optimized Jenkins job with Maven build tool to achieve seamless integration and continuous deployment of applications through automated testing and code analysis plugins.
- Utilized Docker for container-based deployments, managing Docker images efficiently through DockerHub and Docker registries, leading to improvement in scalability and resource utilization.

EDUCATION

Siddhartha Institute of Technology & Sciences

Hyderabad

B.Tech in Electronics and Communications Engineering

Graduation Date: Oct 2021

ACTIVITIES

Learning: DevOps Tools(with Hands-on Practice), 3D Modelling (Blender).

Courses: CyberSecurity Essential, AWS Cloud Practitioner Essential, Frontend Fundamentals.

Interests: Internet Surfing, Video Editing ([Content Creator on YouTube](#)), video games.

Abilities: Planned prioritized produced, Adapted combined conceptualized, analyzed clarified collected.