RANJAN KUMAR SINGH

DevOps Engineer

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TECHNICAL SKILLS

Skill	Rating
Docker	●●●●●
Kubernetes	●●●●○
AWS ECS (Elastic Container Service)	●●●●●
Jfrog Pipelines	●●●●●
Artifactory	●●●●●
Jenkins	●●●●○
Terraform	●●●●○
AWS(EC2, EBS, S3, IAM, VPC, Load Balancing, RDS, Route53)	●●●●○
GitHub, GitLab, Bitbucket, Bitbucket Server	●●●●●
Jira	●●●●●
Bash scripting	●●●●○
JavaScript	●●●●○

AWARDS

- Governor's Award (2008 | Bharat Scouts and Guides) - Camped at schools, mountains, and lakes. Volunteered to be of service in temples, public gatherings, etc.
- Represented the department football &Basketball team in 2015 & 2016 held at DBIT and won the silver medal.
- Winner at Inter College Cricket Tournament held at Ashoka Polytechnic Bangalore.
- Participant in State Level Sports Meet organized by Kendriya Vidyalaya Sangathan.
- Awarded by the Tritiya Sawpan in ScoutGuides.

TRAININGS AND CERTIFICATIONS

- AWS Concepts Certification - Linux Academy.
- Academy AWS Essentials Certification - LinuxAcademy.
- Linux Essentials Certification - LinuxAcademy.
- Docker Quick Start Certification - LinuxAcademy.

SHORT SUMMARY / INTRODUCTION

Skilled DevOps Engineer with more than 4 years of hands-on experience supporting, automating, and optimizing mission-critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes.

EDUCATION

B.E ▶ Don Bosco Institute of Technology, Bengaluru | 64	Jun 2013 - Aug 2016
Diploma ▶ BSF Institute of Technology, Bengaluru | 71	Jun 2010 - Jun 2013

EXPERIENCE DETAILS

DevOps Engineer ▶ Engagedly Software India Private Limited — Aug 2020 Present

- Created and automated build and deployment process for the application re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
- Experience with container-based deployments using Docker, working with Docker images, Docker Hub, Docker-registries, AWS ECR, AWS ECS, and Kubernetes.
- Implement systems that are highly available, scalable, and self-healing on the AWS platform.
- Managed Docker orchestration and Docker containerization using Kubernetes and AWS ECS.
- Building/Maintaining Docker container cluster managed by AWS ECS on AWS and utilized AWS ECS and Docker for the runtime environment of the CI/CD system to build, test and deploy.
- Created the architecture and created the cloud formation template to facilitate the deployment.

DevOps Engineer ▶ Jfrog India Pvt Ltd — Apr 2019 – Jul 2020

- Created, developed, and maintained fully automated continuous integration and continuous delivery (CI/CD) for code deployment using Jfrog pipelines.
- Collaborate with cross-team to integrate Jfrog pipelines with other Jfrog products like (Jfrog artifactory, Jfrog Xray, and Jfrog Mission Control).
- Created and built the Docker images that are being used for most of the services in Jfrog pipelines.
- Created pipelines for the build, publish, promote, release, and distribute of the software for (Go, Docker, npm, maven, and helm).
- Created Dockerfiles and automated Docker images using Jfrog pipelines.
- Developed script and worked with automation tools for building, integrating, and deploying software releases to multiple environments.
- Strong Knowledge of virtualization and container technology like Docker, experience in creating Dockerfiles, and working with Docker containers.

DevOps Engineer ▶ Shippable (Acquired by Jfrog)   Mar 2018 – Mar 2019

- Created, Developed, and maintained fully automated continuous integration and continuous delivery (CI/CD) for code deployment using Shippable.
- Involved in building parts of a highly scalable CI/CD platform with Docker containers spun up every month in production.
- Experience in creating Dockerfiles and working with Docker containers for all the supported language and services on ubuntu, centos7, and windows.
- Create, build, and deploy docker containers to break up the monolithic app into micro-services to improve developed workflow, increasing scalability and optimizing speed.
- Automated infrastructure provisioning on AWS using Terraform.
- Managed GitHub repositories and permissions, including branching and tagging.
- Participated in implementing features, fixing bugs, peer code reviews, holding responsibility for various product boundaries, documenting the implemented features, and supporting customers in various forums.

DevOps Engineer ▶ CloudRapids   Mar 2017 – Feb 2018

- Installing, Configuring, and integrating DevOps tools like Jenkins, Selenium, TeamCity, Docker, Nexus, GoCD, Artifactory, SonarQube, etc.
- Worked exclusively on making applications more scalable and highly available systems in AWS.
- Responsible for maintaining an end to end state of an application. Managing tools using AWS services.
- Deployment of the application using Jenkins and GitHub.
- Attaching or Detaching EBS volume to AWS EC2 instance.
- Attaching and Detaching of Amazon Elastic Block Store(EBS).
- Creating a pipeline of DevOps automation.