

Indira Priyadarshini
DevOps Engineer-3 years
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Career Objective

- To utilize my technical and management skills for achieving the target and developing the best performance in organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

Professional Summary

- Experience in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (VPC), EC2, RDS, S3, Route53, SNS, Cloud Front, Cloud Watch, ELB and Auto-Scaling and IAM.
- Experience in creating complex IAM policies, Roles and user management for delegated access within AWS.
- Experience in Source code management tools GitHub including command line applications.
- Experience on deployment tools like Jenkins and maven
- Extensively worked on Jenkins by installing, configuring and maintaining the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments and in implementing CI/CD for database using Jenkins.
- Knowledge on configuration management tools like Ansible.
- Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
- Good Knowledge in Container Orchestration tool Kubernetes.

Key Skills

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|--------------------------------|------------------|
| • Cloud platform | - AWS |
| • Version control system | - GitHub |
| • CI-CD Tool | - Jenkins |
| • Containerization Tool | - Docker |
| • Container Orchestration Tool | - Kubernetes |
| • Monitoring Tool | -Grafana |
| • Language | -Shell Scripting |

Professional Experience

- Having overall 3 years of experience as a DevOps Engineer.
- Having 1.3 years of experience as Data Processing Analyst.

Project:1

Organization: DATACULTR

Role: DevOps

Date: Feb 2022 – Mar 2023

Roles and Responsibilities-

- Having good knowledge on LINUX and commands.
- Worked on creating users and groups for specific user to restrict access for specific directory.
- Having good knowledge on bash scripting.
- Created SSL certificates.
- Worked on AWS services like, EBS volumes, load balancer, s3 bucket, RDS, ElastiCache and CloudWatch.
- Worked on setting up Sandbox environment where it is used as testing environment for QA team.
- Worked on manual deployments with DOCKER on test, stage and prod environment
- IAM and its policy management to restrict users to particular AWS Resources. Also set up Cross account access using IAM role.
- Worked on ELK, created indexes for servers to pull logs.
- Wrote bash scripts for automating scripts using cron jobs, like pushing the log files, directories, databases to S3 bucket for backup purpose.
- Performed Jenkins builds for deployments, where Docker is used as a containerization tool for this.
- Helping developers and team for deployments through Jenkins.
- Explicitly worked on NGINX, which is used as web-server.
- Configured authorization for web servers for particular paths requested by developers.
- Configured NGINX conf file to keep it secured which will not be affected for any attackers.
- Configured Git with Jenkins and schedule jobs using POLL SCM option.
- Wrote docker-compose files to optimize CPU and memory of containers.
- Worked on Grafana, creating panels for alerts, checking alerts and resolving them.
- Worked on database(PostgreSQL) in ubuntu server.
- Worked on migrating apps from one server to another.

Project:2

Organization: INDIVILLAGE TECH SOLUTIONS LLP

Role: Data Processing Analyst

Date: September 2017 – November 2020

Roles and Responsibilities-

- Worked in multiple projects where it depends on target basis
- Reached targets in time
- Responsible for providing quality output
- Worked in a project where I am responsible for following instructions from client as we get raw data from US cities.
- Responsible for looking into the social media posts and categorizing each post as per our client

instructions.

- Making sure I followed all the correct instructions and responsible for providing the expected output to our lead to perform Quality Analysis.
- Worked in annotating Arial views for AI.

Project:3

Roles and Responsibilities-

- Worked in DevOps project by using tools such as Docker, Jenkins, Linux(ubuntu) and AWS as cloud platform
- Creating EC2 instances, AMIs, taking snapshots, VPCs, subnets, load balancing and auto- scaling in AWS.
- Setup and launch Amazon Linux and Windows EC2 instances, network interface with Elastic IP's.
- Creating VPC, subnets, Route tables, network gateways, NACL's and Security groups, association of these resources with VPC.
- Used SonarQube to help maintain the source code quality.
- Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
- Configured Git with Jenkins and schedule jobs using POLL SCM option.
- Experienced in working with Amazon EC2 for deploying the applications by grouping all the container instances, where Docker is used as a containerization tool for this.
- Created docker volumes to provide high availability to data even if any of the docker container goes down.
- Developing Docker images to support Development and Testing Teams and their pipelines, distributed Jenkins.
- Developing Docker images for new updates, integrated with jenkins for automatic build.

Education

- Graduated with B.SC Computer Science- Rao's Degree College-Yemmiganur 2014-2017.

Declaration

I hereby declare that the information given here with is correct to my Knowledge and I will responsible for any discrepancy.

Indira Priyadarshini