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EDUCATION

RAJIV GANDHI INSTITUTE OF TECHNOLOGY, BENGALURU
Mechanical engineering
PASS OUT - 2021

SKILLS

- Docker
- Kubernetes
- Python
- Linux
- Jenkins
- DJANGO
- HTML
- CSS
- Nginx
- AWS (IMP SERVICES)
- Codecommit
- Codebuild
- Codepipeline
- S3
- VPC
- EC2
- AWS IAM

AMOL SONTAKKE

JUNIOR DEVOPS ENGINEER

ABOUT ME

Aspiring DevOps Engineer with 1.5 year of experience automating software delivery and infrastructure management. Proficient in containerization using Docker, orchestration with Kubernetes, and implementing CI/CD pipelines. Passionate about leveraging DevOps practices to improve software quality, reduce deployment time, and increase overall operational efficiency.

WORK EXPERIENCE

Samyojaka Software (OPC) Private Limited JUL-2023 - AUG-2024
Junior DevOps Engineer

Responsibilities:

- Set up environments for CI/CD, automate tasks, and ensure that new code is integrated and deployed efficiently
- Maintaining the continuous availability and reliability of application services. It includes implementing monitoring solutions to track service health, setting up alerting systems to detect issues before they impact users, and managing incident response procedures.
- Adjusting the resources allocated to an application service based on demand to ensure optimal performance and cost-efficiency.
- Analyzing and improving the performance of application services while also managing and reducing operational costs.
- Creating comprehensive documentation for the implemented solutions, including architecture diagrams, configuration details, and operational procedures.

Sigmoid FEB-2023 - APR-2023
DevOps Intern

Responsibilities:

- Work closely with development and operations teams, document processes, support troubleshooting, and facilitate effective communication and collaboration.
- Develop and maintain scripts for automating routine tasks, and help integrate various DevOps tools and services.
- Contribute to security audits, manage user access and permissions, and support compliance with security policies and regulations.
- Engage in training, conduct research on emerging technologies, and seek feedback to enhance your skills and knowledge in DevOps.

- RDS
- EKS
- ECS
- SNS
- SQS
- Cloudwatch
- Route53
- Lightsail
- KMS
- EFS
- EBS
- DSA
- MYSQL
- ORACLE SQL

LANGUAGES

- English (Fluent)
- Kannada(Fluent)
- Marathi (Fluent)
- Hindi (Fluent)

Projects

Everest-Fleet

Everest-Fleet Project

- Experience in containerization a Django application using Docker, building a Dockerfile and pushing the Docker image to Amazon ECR (Elastic Container Registry).
- Experience in setting up an ECS cluster and task definition to run the containerized Django application.
- Experience in configuring an CI/CD(AWS Code Pipeline) to automate the build, test, and deployment process.

KOO (social network)

Koo Project

- Experience in deployment of services related to python to a Kubernetes cluster using Helm, creating a Helm chart to define the service's configuration and dependencies.
- Experience in creating a CI/CD(Jenkins pipeline) to automate the deployment process.
- Experience in enabling continuous integration and continuous deployment (CI/CD) for the service, ensuring that changes are automatically built, tested, and deployed to production.

Streamoid Technologies

catalogix

- Experience in maintenance and support of on-premises IT infrastructure, including servers, storage systems, and network components, ensuring high availability and performance.
- Experience in utilization monitoring tools like Zabbix to track system performance, identify bottlenecks, and proactively resolve issues to maintain system reliability.
- Experience in creating and maintaining detailed documentation for system configurations, processes, and procedures to support troubleshooting and knowledge transfer.
- Experience in working closely with cross-functional teams to integrate new technologies, plan system upgrades, and support organizational IT initiatives.

Hobbies

- Programming
- Cricket