K S YUGESH

Devops Engineer

+91-9110749388
yugeshroyal@gmail.com
LinkedIn | Github | Portfolio

SUMMARY

With almost 3 years of Devops expertise, I am eager to secure a challenging role as a DevOps Engineer. My skills lie in designing, deploying, and managing cloud infrastructure, coupled with a strong grasp of automation, infrastructure management, and DevOps methodologies. Proficient in scripting languages and well-versed in AWS, I am poised to make significant contributions to organizational growth through innovation and efficiency.

EDUCATION

Christ Deemed to be University
B.Tech - Computer Science and Engineering
2021 | 8.57 CGPA

Narayana Junior College
12th - Maths Physics Chemistry
2018 | 93%

SKILLS

- AWS
- AWS Devops
- Git, Gitab, Github, Codepipeline
- Kubernetes
- Terraform
- Docker
- Jenkins
- Rancher
- HELM
- Ansible, ELK
- Nginx, Cloudflare
- Networking
- Promox, Hetzner
- Prometheous, Grafana
- Trivy, SonarQube
- Python, Boto3
- Linux, Bash
- SQL, Mongo, Redis, Superset
- YAML, HTML, CSS
- Ubuntu, Windows, Amazon Linux
- Cf-Terraforming

CERTIFICATIONS

- Advanced Certification in Cloud Computing & DevOps - **IIT Madras**
- **Microsoft** Technology Associate - Python
- Cyber Security Essentials - **CISCO**

PROFESSIONAL EXPERIENCE

Devops Engineer | BDI Plus
Oct 2023 - Present

Projects
Modenx | Afficiency | ChatCDP

Deployment Optimization:
- Deployed multi-tier web and mobile applications on EKS cluster making them to be highly available.
- Developed and implemented a new CI/CD strategy on GitLab, significantly reducing deployment time.

Infrastructure Management:
- Hands-on experience with bare metal servers using Proxmox for cost efficient infrastructure management.
- Revamped infrastructure maintenance processes using Rancher to enhance reliability and performance.
- Successfully migrated applications from AWS, Hetzner cloud to on-premises infrastructure, optimizing performance and cost-efficiency.

Version Control and Automation:
- Implemented Git methodologies for version control and collaborative development workflows.
- Proficient in Docker image tagging and deployment file creation to streamline containerization processes.
- Utilized Boto3 and Terraform for infrastructure automation and maintenance tasks.

Kubernetes Management:
- Implemented Kubernetes cluster maintenance procedures to ensure high availability and performance.
- Packaged applications using Helm for simplified deployment and management in Kubernetes environments.

Security and Monitoring:
- Implemented security practices such as IP-based console login in AWS for enhanced data protection.
- Managed S3 bucket lifecycle policies for efficient data storage and management.
- Maintained code quality using tools like Trivy and SonarQube.
- Facilitated application monitoring through the setup of various cron jobs, Prometheus, and Grafana.

ACHIEVEMENTS

- Rising Star of The Year Amazon | December 2021
- WebOs Hackathon LG | October 2020

LANGUAGES

- English
- Telugu
- Hindi
- Tamil
- Kannada.

PROFICIENCIES

- Photoshop
- Premier pro
- After Effects
- Canva
- Figma

Comp Associate | Amazon
June 2021 - Oct 2023

Projects
ETL | Batch Classify | Cloud native monitoring

- Led deployment of a cloud-native monitoring app using AWS DevOps tools: CodeCommit for version control, CodePipeline for automated deployment, and ECR for Docker image management. Dockerized the app for scalability, managed deployment with Kubernetes, and automated updates triggered by CodeCommit commits using Jenkins CI/CD.

- Skillfully crafted efficient SQL queries to optimize database performance and streamline data retrieval processes. Orchestrated ETL processes for SQL data, ensuring accurate extraction, transformation, and loading for enhanced business analytics. Extracted and populated key metrics to empower worldwide leadership with actionable insights. Resolved diverse ticket requests related to employee or product data listed on the website, ensuring timely resolution and data accuracy. Maintained a comprehensive data log for team reference, fostering collaboration and knowledge sharing within the organization.

- Provisioned AWS services including EC2, EBS, S3, Auto Scaling, Elastic Load Balancing, VPC, Subnets, ELB, and Security Group. Wrote Dockerfiles to build customized images for containerization. Managed AMIs for configured EC2 instances and maintained backups of AWS resources, including Docker Images in AWS ECR and EBS volumes in S3. Ensured server resilience under load by configuring Elastic Load Balancer and Auto Scaling. Leveraged AWS DevOps tools such as AWS CodeBuild and AWS CodeDeploy for automated build and deployment processes, ensuring seamless integration and reliability throughout the deployment lifecycle.