K S YUGESH

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SUMMARY

With 4 years of specialized Cloud & DevOps experience, I'm actively seeking a dynamic role as a DevOps Engineer. My expertise encompasses designing, deploying, and managing cloud infrastructure, complemented by advanced skills in automation, infrastructure management, and DevOps best practices. Proficient in scripting languages and well-versed in AWS, RHOS 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

TECHNICAL PROFICIENCY

- AWS, AWS Devops
- RHOS, Azure Devops
- Promox, Hetzner
- Git, Gitab, Github, Codepipeline
- Kubernetes, Terraform
- Docker, Jenkins
- Rancher, HELM, Ansible, Kustomize
- HA Proxy, Nginx, Cloudflare, Networking
- Varnish, Hybris, Kafka, ZooKeeper
- Prometheous, Grafana
- Trivy, SonarQube
- Python, Boto3, Shell scripting
- Mongo, Redis, Postgres, Oracle
- Qdrant, Clickhouse
- YAML, HTML, CSS, SQL
- Ubuntu, Windows, Amazon Linux, RHEL

CERTIFICATIONS

- Advanced Certification in Cloud Computing & DevOps - **IIT Madras**
- Fundamentals of Red Hat Enterprise Linux - **RED HAT**
- **Microsoft** Technology Associate - Python
- Cyber Security Essentials - **CISCO**
- Introduction to Generative AI **- GOOGLE CLOUD**

ACHIEVEMENTS

- Employee Of the Month - BDI Plus | January 2024
- Rising Star of The Year Amazon | December 2021
- WebOs Hackathon LG | October 2020

LANGUAGES

- English, Telugu, Hindi, Tamil, Kannada.

PROFESSIONAL EXPERIENCE

Sr.Devops Engineer
Jio Platforms Ltd | May 2023 - Present

Projects AJIO | SHEIN | OSPREY

- Migrated Ajio SIT & UAT environments from GCP to RHOS, cutting cloud costs by 30%.
- Led Shein project infrastructure setup, going live in 3 months.
- Moved 8+ services to Kubernetes, improving scalability and resource efficiency.
- Managed 300+ servers, ensuring 99% uptime across environments.
- Provisioned Kubernetes clusters and automated deployments with Helm, Kustomize.
- Enforced security compliance, reducing vulnerabilities.
- Architectured Osprey Search project, enhancing search accuracy and user engagement.
- Established UAT2 environment, reducing featur release time.
- Maintaining network security with F5, Citrix LB, and HA Proxy.
- Improved latency by replacing Varnish caching with Akamai.
- Maintaing multiple pipelines across Azure Devops, Jenkins

Devops Engineer | BDI Plus | Oct 2023 - Apr 2024

Projects Modenx | Afficiency | ChatCDP

- Deployed multi-region EKS clusters, achieving 99% uptime and reducing downtime by 40%.
- Migrated workloads from AWS/Hetzner to on-prem (Proxmox), reducing costs by 65%.
- Ensured secure, encrypted database backups and restorations.
- Improved Git workflows with efficient branching strategies.
- Automated infrastructure with Terraform and Boto3.
- Managed Kubernetes clusters with Helm, ensuring high availability.
- Enhanced AWS security with IP-based console logins.
- Ensured code quality with Trivy & SonarQube.
- Implemented monitoring with Prometheus & Grafana.

Comp Associate | Amazon | Jun 2021 - Oct 2023

Projects ETL | Batch Classify | Cloud native monitoring

- Led deployment of a cloud-native monitoring app using AWS DevOps tools (CodeCommit, CodePipeline, ECR).
- Dockerized applications for scalability, managed Kubernetes clusters, and automated updates via Jenkins CI/CD.
- Optimized database performance with efficient SQL queries and orchestrated ETL processes for data accuracy.
- Provisioned AWS services (EC2, EBS, S3), managed AMIs, backups, and configured ELB & Auto Scaling for resilience.
- Automated builds and deployments with AWS CodeBuild & CodeDeploy, ensuring seamless integration and reliability.