

SREEHARI S KUMAR

DevOps Engineer

Experienced DevOps Engineer with 4+ years of IT experience. Proficient in Linux, AWS, CI/CD pipelines, Docker, and Terraform. Strong emphasis on automation, system reliability, and cloud cost optimization. Skilled in problem-solving, effective communication, and continuous improvement. Committed to enhancing operational efficiency and aligning technology solutions with business objectives.

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WORK EXPERIENCE

Freelancer Online Platform

Jul 2024 – Oct 2024

- Designed and deployed AWS ECS Fargate-based currency comparison application, ensuring 99.99% uptime and auto-scaling during traffic spikes.
- Revamped a legacy RDS PostgreSQL database to Amazon Aurora Serverless and integrating ElastiCache for efficient caching.

Sr. DevOps Engineering Crozaint Technologies Pvt Ltd

Jun 2023 – Jul 2024

- Orchestrated containerized deployments using AWS ECS, enabling seamless rolling updates and zero downtime.
- Facilitated collaboration between development, operations, and QA teams.

Analyst - Cloud & DevOps FutureBlox Technologies Pvt Ltd

Mar 2022 – Dec 2022

- Automated operational tasks using Bash scripts, reducing manual workload by 50%.
- Enhanced system observability by integrating New Service Relic, Prometheus, and AWS CloudWatch, leading to improved performance monitoring and proactive issue resolution.

L2 Server Engineer Hashroot Technologies Pvt Ltd

Dec 2021 – Mar 2022

- OS installation based on customer requirements.
- Monitored server health, performance, and security using Nagios and Zabbix

Server & Network Administration Trainee Spices Board

Feb 2020 – Dec 2021

- Installation & Configuration of Centralised users using LDAP.
- Expertise in shell scripting for automation of tasks.
- Hands-on experience with Web Servers: Apache, Nginx.
- Database management: MySQL, MariaDB.

SKILLS

AWS Services: EC2, ECS, S3, IAM, RDS, VPC, Lambda, CloudFront, GuardDuty, Security Hub

Orchestration: Docker swarm, AWS ECS

Infrastructure as Code: Terraform

CI/CD: Jenkins, GitHub Actions

Scripting: Bash, Python

Monitoring: CloudWatch, Zabbix, New Relic

PERSONAL PROJECTS

- Designed and implemented a multi-tier, highly available IP-geolocation application using Docker Swarm for container orchestration.

- Launched a secure video streaming campaign using Amazon S3 & CloudFront, ensuring 99.9% content availability.

- Reduced AWS operational costs by 30% through strategic auto-scaling, right-sizing EC2 instances and leveraging AWS Cost Explorer for optimization.

- Implemented rolling deployments for a currency comparison app on AWS ECS Fargate, ensuring 99.99% uptime and auto-scaling utilizing Amazon Aurora Serverless, reducing latency by 20ms and tripling throughput.

EDUCATION

B.E. Computer Science Engineering
Dr. Paul's Engineering College , 2018