

SREEHARI S KUMAR

DevOps Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

DevOps Engineer with 4+ years of experience in Linux, AWS, CI/CD, Docker, Terraform, and automation. Expertise in cloud cost optimization and system reliability. Passionate about continuous learning and leveraging new technologies and tools to drive team and organizational success.

EDUCATION

B.E. Computer Science and Engineering |
Dr. Paul's Engineering College (2018)

TECHNICAL SKILLS

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

Infrastructure as Code: Terraform

Orchestration: Docker swarm, AWS Elastic Container Service

CI/CD: Jenkins, GitHub Actions

Scripting: Bash, Python

Monitoring: CloudWatch, Zabbix, New Relic

PROJECTS & ACHIEVEMENTS

- 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.

EXPERIENCE

Freelancer (Jul 2024 – Nov 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 Engineer |

Crozaint Technologies (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 (Mar 2022 – Dec 2022)

- Containerized applications using Docker, improving deployment portability and efficiency across multiple environments.
- Automated operational tasks using Bash scripts, reducing manual workload by 50%.
- Enhanced system observability by integrating New Relic, Prometheus, and AWS CloudWatch, leading to improved performance monitoring and proactive issue resolution.

L2 Server Engineer |

HashRoot Technologies (Dec 2021 – Mar 2022)

- Monitored server health, performance, and security using Nagios and Zabbix
- Developed and maintained Bash scripts to automate routine tasks.

Server and Network Administrator Trainee |

Spices Board (Feb 2020 – Dec 2021)

- Implemented and managed LDAP servers for centralized user authentication to enhance security.
- Configured and optimized Apache and Nginx web servers, ensuring high-performance hosting.
- Developed shell scripts for automating backup tasks of web servers and DB servers into AWS S3.