

# SREEHARI S KUMAR

DevOps Engineer

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

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## 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, 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.