

SREEHARI S KUMAR

DevOps Engineer

Experienced DevOps Engineer with 4+ years in cloud – native environments. Proven expertise in automating deployments, managing cloud infrastructure and reducing operational costs. Adept at designing scalable solutions on AWS, ensuring system reliability and driving measurable improvements in application performance and uptime.

✉ sskssreehari@gmail.com

📍 Ernakulam

🌐 linkedin.com/sreehariskumar

🗣 medium.com/@ssksreehari

📞 8137896560

💻 1by2.online

🐙 github.com/sreehariskumar

WORK EXPERIENCE

Freelancer

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.
- Streamlined Dev-QA integrated testing pipelines, reducing deployment time by 40% and minimizing post-release bugs.

Associate I - 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 Relic, Prometheus, and AWS CloudWatch, leading to improved performance monitoring and issue resolution.

L2 Server Engineer

Hashroot Technologies Pvt Ltd

Dec 2021 – Mar 2022

- Installed and configured Linux OS variants tailored to client-specific workloads.
- Monitored server health, performance, and security using Nagios and Zabbix.

Server & Network Administration Trainee

Spices Board

Feb 2020 – Dec 2021

- Installed and configured LDAP for centralized user management, improving access control for 50+ users.
- Configured and managed production-grade web and database servers, serving 5K+ daily requests.
- Wrote shell scripts for automating backups, user provisioning and log rotation.

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