Madhu Sudhan P
Devops Support Engineer

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📍 Chennai, India   in linkedin.com/in/sudhan1201

🪪 Profile

DevOps Support Engineer with 4+ years of experience (2022–2026) in CI/ CD automation, cloud infrastructure, containerization, and middleware support. Proven expertise in AWS, Docker, Kubernetes, Jenkins, and ArgoCD. Strong background in automating deployments, improving system reliability, and reducing operational overhead.

🧠 Skills

Cloud
AWS (EC2, EKS, IAM, S3, Route53, ACM, Networking)

CI/CD
Jenkins, ArgoCD, GitHub, Bitbucket

Operating System
Linux (RHEL, CentOS)

Containers & Orchestration
Docker, Kubernetes, Helm

Scripting
Shell, Bash, Python

💼 Professional Experience

Tata Consultancy Services

January 2023 – Present	**Devops Support Engineer**	Chennai, India

- Containerized middleware services using Docker and deployed to Kubernetes (EKS)
- Integrated CI/ CD pipelines, increasing deployment reliability by 50%
- Managed cloud infrastructure using Infrastructure as Code (IaC) tools, ensuring scalable, repeatable, and cost-efficient environments.

November 2021 – December 2022	**Middleware Administrator**	Chennai, India

- Managed 2,000+ SSL certificates and 300+ domains, ensuring 100% compliance and security
- Automated Java application deployments using Jenkins, Shell scripting
- Reduced manual deployment effort by 50% through automation

🎓 Education

June 2016 – November 2020	**Bachelor of Engineering in Electronics and Communication, Anna University**	Madurai, India

📇 Certificates

- AWS Certified DevOps Engineer – Professional
- AWS Certified CloudOps Engineer – Associate
- Programming for Everybody with Python from Coursera
- Responsive web design from Free Code Camp
- English for Carrier Development from Coursera

🏅 Key Achievements

- Reduced deployment time by 60% using Jenkins automation
- Reduced infrastructure costs by 25–35% through right-sizing and reserved instances
- Migrated workloads from on-prem / legacy servers to cloud-native architectures.

📂 Projects

February 2022 – June 2023	**Platform Migration from CentOS to RHEL** - Successfully planned and executed the migration of servers from CentOS to RHEL, ensuring minimal downtime and business continuity. - Migrated 30+ applications from CentOS to RHEL - Updated Jenkins pipelines for build, test, and deployment stages - Validated application compatibility and dependencies post-migration, ensuring seamless service functionality.
July 2023 – December 2024	**Microservices Deployment with Kubernetes & ArgoCD** - Containerized microservices using Docker and deployed on AWS EKS - Integrated Kubernetes deployments with AWS infrastructure (IAM roles, ALB/ NLB, S3, CloudWatch). - Implemented GitOps-based deployments using ArgoCD - Configured autoscaling, rolling updates, and RBAC policies - Used Helm charts for repeatable and scalable deployments.
March 2024 – December 2025	**Monitoring and Logging Infrastructure** - Designed and implemented a centralized monitoring and logging solution. - Implemented Prometheus-based monitoring to collect metrics from applications and Kubernetes clusters. - Designed Grafana dashboards to visualize system health, performance trends, and resource utilization in real time. - Improved system reliability by identifying bottlenecks and anomalies through log analysis and performance metrics.

✈ AL520079, Expires 2035   📅 12 January 1999, Age 27   ⚥ Single   🚗 Driving LMV - India

🏠 From Virudhunagar, India   📞 +91- 9486458780   f Madhu Sudhan