



MADIWALAPPA LAGALI

DEVOPS ENGINEER PROFILE

2+ years of professional experience at Minfy Technologies, specializing in Automation and AWS with a focus on Cloud/DevOps environments. Skilled and certified in cloud technologies, I am dedicated to continuous learning and excelling in Cloud/DevOps roles

Contact



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Education

VTU UNIVERSITY

BLDEA Engineering Collage Bijapur

- **Electronics and Communication Engineering (ECE)**

Expertise

- Linux / Windows
- Python, Shell Scripting
- AWS Devops , Infra
- Jenkins , AWS Code Pipeline
- Spinnaker
- GitHub, Git Actions, GitLab
- CloudFormation, CodeDeploy
- Docker, Kubernetes , Helm
- Grafana, Prometheus, ELK
- Data sync, Cloud Endore

Language

English

Hindi

Kannada

CERTIFICATIONS

- AWS Certified SolutionsArchitect Associate

Experience

○ 2022 - Present

Minfy Technologies Hubli

DevOpsEngineer| Migrationand Modernization (MIMO)

- Implemented CI/CD pipelines using Jenkins, AWS Code Pipeline, and Spinnaker, resulting in a 25% increase in deployment efficiency on EKS clusters.
- It enhanced system performance and reliability by 20% through observability and monitoring with Grafana, Prometheus, ELK, and CloudWatch on AWS EKS.
- Enhanced data security with VPN setups and IAM management, averting 25% unauthorized access.
- AWS implementation reduced security incidents by 30%, fortifying data integrity and compliance while mitigating legal risks.
- Facilitated seamless migration processes such as data sync and CloudEndure ensuring smooth transitions and minimal downtime
- Managed creation, backup, and upkeep of EC2 instances, EBS volumes, and AMI snapshots with Docker and Kubernetes for data integrity and availability.

PROJECTS

ProArch

- **Scalable Solution Architecture:** Designed Scalable Solution Architecture with AWS SAM, reducing deployment time by 30% and improving system scalability by 40%.
- Integrated WAF, API Gateway, Glue, and DynamoDB, resulting in 25% better performance and 50% improved data processing efficiency.
- **Security and Integration:** Optimized microservices integration by configuring API Gateway, resulting in a 25% faster communication between systems and enhancing overall operational efficiency.
- Strengthened web application security by implementing Web Application Firewall (WAF), achieving a 40% decrease in security incidents and ensuring protection against cyber threat

FourKite

- **Infrastructure Orchestration and Optimization:** Engineered the deployment of VPC and setup of EKS infrastructure using Terraform,
- Established a structured and secure cloud foundation.,
- Integrated Kubecost to optimize EKS resource costs, achieving a 20% increase in cost-efficiency.
- **Real-time Monitoring and Visibility:** Deployed Grafana and Prometheus for 30% improved system visibility. Automated Route53 with External DNS, cutting Kubernetes DNS management by 50%.
- **Microservices Communication and Deployment Automation:** Implemented Istio for secure microservices communication, reducing latency by 25%. Executed blue-green deployments with ArgoCD, cutting downtime by 40%. Utilized ArgoCD for continuous updates, achieving a 50% reduction in deployment time