

Arpitha K K

DevOps Engineer

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Profile

DevOps Engineer with 3 years of IT experience, combining application development and hands-on cloud infrastructure, CI/CD, and automation expertise. Skilled in AWS, Azure, Docker, Kubernetes, Terraform, GitHub Actions, with a strong problem-solving mindset and experience delivering scalable cloud-native solutions.

Professional Experience

- Lead Engineer, HCL Technologies** 2022 – 2022
- Supported MES system deployments and integrated with existing CI/CD pipelines.
 - Worked closely with infrastructure teams to troubleshoot deployment issues and improve release reliability.
 - Leveraged .NET and backend knowledge to understand workflows and provide production support.
- Software Engineer II, Dell Technologies** 2021 – 2022
- Maintained enterprise applications and supported backend integration tasks.
 - Participated in application deployment cycles, ensuring smooth releases.
 - Provided L3 support for applications, resolving production issues quickly.
- Software Engineer, ThoughtFocus** 2020 – 2021
- Assisted in backend enhancements and ensured deployment readiness.
 - Worked in Agile sprints, collaborating with QA and infra teams for timely delivery.
 - Gained exposure to application release and support workflows.
- Associate Software Engineer, Cenduit LLC** 2019 – 2020
- Developed web forms and backend services using C#/.NET for clinical trial platforms.
 - Supported deployments using IIS in collaboration with infrastructure teams.
 - Collaborated with QA and infra teams to address environment configuration issues.

Projects

- Scalable E-Commerce Web App, AWS ECS, Learning Project**
- Deployed cloud-native app using Docker and AWS ECS (Fargate)
 - Used GitHub Actions for CI/CD and CloudFormation for infra provisioning
 - Optimized using S3, RDS, and CloudFront
- Serverless Log Monitoring & Alerting System (AWS), Learning Project**
- Built log pipeline with Lambda, Kinesis, OpenSearch
 - Set alerts via CloudWatch and SNS; used Terraform for IaC
- Kubernetes-Based Microservices Monitoring with EKS, Learning Project**
- Deployed services on EKS using Helm
 - Monitored with Prometheus + Grafana, infrastructure via Terraform

Skills

DevOps & CI/CD: Docker, Kubernetes (EKS), Jenkins, GitHub Actions, Terraform, Ansible

Cloud Platforms: AWS (EC2, S3, Lambda, IAM, VPC, RDS, Route 53), Azure (fundamentals)

Programming/Scripting: Bash, Shell, YAML, Python (basic), C# (basic), SQL

Monitoring & Logging: Prometheus, Grafana, CloudWatch, OpenSearch

Tools & OS: Linux, Windows, Git, VS Code

Soft Skills: Proactive Learning, Problem-Solving, Collaboration, Adaptability

Certificates

AWS Certified Solutions Architect — MicroDegree

Devops Engineer — MicroDegree

Azure 900 Certification (In progress) — MicroDegree

Education

BE in Information Science, *BMS College Of Engineering*

Bengaluru