

# Arpitha K K

## DevOps Engineer

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### Profile

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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

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#### 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

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#### 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

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**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**

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**AWS Certified Solutions Architect** — MicroDegree

**Devops Engineer** — MicroDegree

**Azure 900 Certification (In progress)** — MicroDegree

## **Education**

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**BE in Information Science**, *BMS College Of Engineering*

Bengaluru