

## ANKITHA V

### DevOps Engineer | Software Engineer

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## SUMMARY

Associate Software Engineer with 1.8 years of experience in Java development, currently transitioning into DevOps and Cloud Engineering. Skilled in containerization, orchestration, cloud platforms, and CI/CD pipeline automation through hands-on projects and certifications. Adept at bridging development and operations to improve software delivery speed and reliability. Seeking entry-level DevOps opportunities to apply skills in real-world environments and grow professionally.

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## TECHNICAL SKILLS

- **Cloud:** AWS (EC2, S3, IAM, Lambda, CloudWatch, CloudFormation)
  - **Containerization & Orchestration:** Docker, Kubernetes, Helm
  - **CI/CD & Automation:** Jenkins, ArgoCD
  - **Infrastructure as Code (IaC):** Terraform, Ansible
  - **Scripting:** Bash
  - **Version Control & Tools:** Git, GitHub, Jira
  - **Operating Systems:** Linux (Ubuntu)
  - **Networking:** VPC, DNS, LoadBalancer
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## WORK EXPERIENCE

### DevOps Engineer (Independent Projects & Continuous Learning) Mar 2024 – Present

- Containerized Java applications using Docker to ensure consistent environments across development, testing, and deployment stages.
- Developed Jenkins pipelines to automate CI processes, including build, test, and integration.
- Deployed containerized workloads to Amazon EKS using Kubernetes YAML files and Helm charts.
- Wrote Terraform scripts to provision cloud infrastructure on AWS (EC2, IAM roles, VPC setup).
- Automated server and environment configuration using Ansible playbooks.
- Used GitHub for source control, collaboration, and managing project repositories.
- Practiced monitoring and alerting using CloudWatch, and explored Prometheus and Grafana for observability in Kubernetes environments.

### CGI – Associate Software Engineer | Aug 2022 – Mar 2024

- Developed and maintained Java-based applications, collaborated with cross-functional teams to deliver high-quality solutions aligned with client requirements.
- Participated in daily Scrum meetings, sprint planning, and team reviews within an Agile environment.
- Used GitLab for version control and source code collaboration, and conducted unit testing before integration.
- Worked with the DevOps team to create and review Dockerfiles for Java microservices, enabling deployment to Dev and QA environments.

- Assisted in setting up CI pipelines using Jenkins to automate build and testing for development branches.
  - Reviewed Sealights reports to eliminate unused methods and improve code quality.
  - Presented weekly summaries to leads and stakeholders, highlighting development progress, issue resolution, and lessons learned.
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## PROJECTS

### Complete DevOps Implementation (DevOpsified)

- Containerized Java applications using Docker multistage builds, reducing image size by 35%.
- Developed Kubernetes manifests and Helm charts to enable scalable, reliable deployments.
- Integrated GitOps using ArgoCD to automate CI/CD workflows, reducing deployment errors and manual intervention.

### AWS Cloud Cost Optimization

- Automated cleanup of stale EBS snapshots using AWS Lambda, cutting storage costs by 30%.
  - Configured AWS CloudWatch alarms and dashboards to enable proactive monitoring and alerting.
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## EDUCATION

### Reva University, Bengaluru

Bachelor of Technology (B.Tech) in Computer Science Engineering, 2022

### Government Polytechnic, Mulbagal

Diploma in Computer Science Engineering, 2019

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## CERTIFICATIONS

- AWS Certified Cloud Practitioner – Udemy(2025)
- Cloud Computing - NPTEL (2022)