

# AISHWARYA C S

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## PROFESSIONAL SUMMARY

Results-driven Cloud Engineer with expertise in AWS, Terraform, Docker, Jenkins, Kubernetes, and GitLab CI/CD. Skilled in designing, deploying, and automating cloud infrastructures with high availability, cost optimization, and security. Experienced in Infrastructure as Code (IaC), Auto Scaling, Load Balancing, and continuous integration pipelines. Adept at managing AWS services like EC2, S3, VPC, IAM, CloudFormation, and CloudWatch to ensure performance and reliability.

## TECHNICAL SKILLS

- Cloud Platforms: AWS (EC2, S3, VPC, Load Balancer, EBS, Route 53, IAM, CloudFormation, Lambda, CloudWatch)
- DevOps & Automation: Terraform, Jenkins, GitLab, Docker, Kubernetes, CI/CD Pipelines
- Infrastructure as Code: Terraform, CloudFormation, Auto Scaling, High Availability, Cost Optimization
- Scripting: Python
- System Administration: Linux, Networking, Nginx, Security Groups, Monitoring (CloudWatch)
- Soft Skills: Team Collaboration, Problem Solving, Documentation, Adaptability

## PROJECTS

- **3-Tier Cloud Architecture on AWS — End-to-End Deployment**
  - Designed and deployed a scalable 3-tier web application (React + Node.js + MySQL) on AWS using EC2, VPC, ALB, and Auto Scaling Groups.
  - Enhanced application uptime by 35% through optimized load balancing and CloudWatch monitoring.
  - Implemented automated CI/CD pipeline using Jenkins and GitLab, reducing release time by 40%.
- **Terraform AWS WebApp**
  - Demonstrated Infrastructure as Code (IaC) by deploying a web application on AWS using Terraform.
  - Automated provisioning of AWS resources like EC2, VPC, Subnets, Security Groups, Elastic IP, S3 bucket, and CloudWatch alarms.
  - Improved infrastructure consistency and reduced provisioning time by 50% with reusable Terraform modules.

## CERTIFICATIONS

- AWS – Apponix Academy — Apr 2025
- Introduction to AWS – LearnTube by CareerNinja — Apr 2023
- Basics of Python – Infosys Springboard — Apr 2025
- Cloud Computing – NPTEL — Jul–Oct 2024
- Employment Communication Lab – NPTEL — Jan–Mar 2025

## EDUCATION

- B.E. in Computer Science and Engineering – Kalpataru Institute of Technology — CGPA: 8.14
- PUC – Hoysaleswara PU College, Arsikere — 82.16%
- SSLC – Adichunchanagiri English High School, Arsikere — 85.12%

## ADDITIONAL INFORMATION

- Languages: English, Kannada
- Interests: Cloud Projects, Automation, DevOps, AI Tools for Cloud, Open-Source Contributions
- Currently enhancing skills in Kubernetes for container orchestration and microservices management.