AYUSH TRIVEDI

Indore, India

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EDUCATION

Shri Vaishnav Vidyapeeth Vishwavidyalay, Indore   **06 2021 – 05 2025**
Bachelor of Technology in Computer Science and Engineering(Cloud Computing) -   *Indore, India*

PROJECTS

Serverless E-Commerce Backend ⬀ |

- Set up a full backend infrastructure on **AWS** using **Terraform**, including VPC, load balancer, ECR, and serverless **ECS Fargate** services.
- Wrote a CI/CD pipeline with **GitHub Actions** to automate Docker image builds, pushes to ECR, and infrastructure updates.
- Designed the system to be scalable, secure, and easy to deploy using containerization and infrastructure-as-code principles.

AWS Cost Analytics and FinOps Dashboard ⬀ |

- Implemented a FinOps dashboard using **Python** and **SQLite** to analyze AWS service usage and cost data.
- Designed and initialized database schema to support structured cost tracking and reporting.
- Integrated **Grafana** to visualize cost distribution with bar and pie charts using SQL queries.
- Enabled real-time monitoring of AWS expenses for service-level financial insights.

INTERNSHIP

PearlThoughts ⬀   **Apr 2025 – May 2025**
DevOps Intern   *Tamil Nadu, India*

- Deployed applications on AWS ECS using Fargate and implemented Blue-Green deployment with Application Load Balancer.
- Automated infrastructure provisioning using Terraform for VPC, ECS services, IAM roles, and security groups.
- Developed CI/CD pipelines with GitHub Actions for Docker image build, push to ECR, and ECS deployment.
- Monitored application performance using AWS CloudWatch and integrated CodeDeploy for smooth releases.

AllSoft Solution Pvt. Ltd. ⬀   **Jan 2025 – May 2025**
SDE Intern   *Remote — Bangalore, India*

- Developed and deployed facial recognition features using Python, following Software Development Life Cycle (SDLC) best practices.
- Completed a certified Facial Recognition-Based Attendance System course, applying machine learning techniques for real-world applications.
- Improved face recognition model accuracy to 90% by optimizing detection algorithms and data preprocessing.
- Collaborated with cross-functional teams to integrate recognition modules.

TECHNICAL SKILLS

Technologies: Linux, AWS, GCP, Docker, Ansible, Terraform
Languages: Python, HTML/CSS, YAML
Developer Tools: VS Code, Git, JIRA, GitHub, GitLab, Vim

CERTIFICATIONS

- Cloud Computing - NPTEL
- Google Cloud Foundation - NPTEL
- Cloud Application Developer - IBM