AYUSH TRIVEDI

Indore, India

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EDUCATION

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore   June 2021 – May 2025
*Bachelor of Technology in Computer Science and Engineering(**Cloud Computing**) -*   *Indore, India*

PROJECTS

Declarative Pipeline with Jenkins and SonarQube ⧉ |

- Implemented **End-to-End CI/CD Pipeline with Jenkins** using **Declarative Pipelines** to automate build, test, analysis, and deployment workflows.
- Integrated **Maven** and **JUnit** for automated build and unit testing; connected **SonarQube** for static code analysis.
- Deployed static HTML output to **Surge.sh** and configured email notifications for **pipeline status alerts.**

Automated CI/CD pipeline ⧉ |

- Built a zero-cost static CI/CD pipeline using **GitHub Actions**, **Surge.sh**, and **Amazon Linux 2 (EC2)** for automated deployment.
- Secured deployment using **GitHub Secrets** and enabled push-triggered release workflows for continuous delivery.
- Visualized infrastructure with **Amazon Q CLI** to enhance architectural clarity and maintainability.

Monitoring Stack with Prometheus and Grafana ⧉ |

- Deployed a lightweight Docker-based monitoring stack using **Prometheus**, **Node Exporter**, and **Grafana** via **Docker Compose**.
- Configured Prometheus to scrape time-series metrics and Node Exporter to expose host-level performance data on Linux/Windows hosts including **AWS EC2**.
- Visualized system metrics through Grafana dashboards for real-time observability in a production-grade setup.

INTERNSHIP

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

- Deployed applications on **AWS ECS Fargate** with **Blue-Green deployment** using Application Load Balancer.
- Automated infrastructure provisioning via **Terraform** for VPC, ECS, **IAM roles**, and security configurations.
- Built **CI/CD pipelines** using GitHub Actions for Docker image management and ECS deployment.

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

- Developed and deployed **facial recognition** features using Python, adhering to **SDLC** best practices.
- Completed a certified Facial Recognition-Based Attendance System course, applying **machine learning** for practical use cases.
- Enhanced model accuracy to **90%** through algorithm optimization and data preprocessing.

TECHNICAL SKILLS

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

CERTIFICATIONS

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