

# Tejas Manoj Athalye

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Portfolio | GitHub | LinkedIn

## EDUCATION

- **NBN Sinhgad Technical Institutes Campus** Pune, India  
B.E. Computer Engineering — CGPA: 8.05 2021 – 2025

## EXPERIENCE

- **Associate Software Engineer (DevOps) - Coditas Solutions LLP** July 2025 – Present
  - Built production CI/CD pipelines using Jenkins & GitHub Actions, reducing deployment time by **40%** across 15+ microservices; automated infrastructure provisioning & operational tasks using Python/Bash scripts.
  - Architected multi-environment AWS infrastructure using Terraform with custom reusable modules, S3 remote backend, and DynamoDB state locking.
  - Deployed & maintained containerized services on ECS Fargate with auto-scaling, ALB load balancing, CloudWatch monitoring/alerting; implemented Docker & Podman containerization strategies.
- **Cloud Computing Intern - KasNet Technologies Pvt. Ltd.** Dec 2023 – Feb 2024
  - Optimized Azure SQL performance & storage efficiency by 20%; developed Power BI dashboards for real-time analytics.

## TECHNICAL SKILLS

- **DevOps & Cloud:** AWS (EC2, ECS, Fargate, Lambda, RDS, S3, VPC, CloudWatch), Azure, GCP, Linux
- **CI/CD & IaC:** Jenkins, GitHub Actions, Terraform, Docker, Podman, Kubernetes, Git, Bash
- **Programming:** Python, JavaScript, SQL, MongoDB
- **AI/ML:** PyTorch, Scikit-learn, Pandas, NumPy, FastAPI, MLflow

## PROJECTS

- **Multi-Environment Cloud Infrastructure -** GitHub
  - Architected fully automated AWS infrastructure with Terraform modules, S3 backend, DynamoDB locking; achieved 100% IaC coverage.
  - Deployed auto-scaling ECS Fargate microservices with ALB routing, CloudWatch monitoring, & blue-green deployment strategy.
  - Built GitOps pipeline with GitHub Actions featuring Trivy security scanning, automated Terraform validation, & approval gates.
- **Varicose Veins Detection (YOLO) - AI Medical Imaging Platform** GitHub — Live
  - Built YOLO + EfficientNet hybrid model on 3,000+ annotated images; deployed FastAPI backend with Docker containerization.

## CERTIFICATIONS

- AWS Solutions Architect- Associate (Exam Ready) — Microsoft Azure AZ-900 — Google Advanced Data Analytics

## PUBLICATIONS

- Intelligent Detection of Varicose Veins via AI— IJARSCT, Vol. 5, Issue 10 (2025). DOI: 10.48175/IJARSCT-27018

## ACHIEVEMENTS

- Winner – OKTO Track at UNFOLD 24 Hackathon, Bengaluru (Built & deployed MVP in 36 hours)
- FSAE Electric Racing Team – Core member for powertrain & control logic development (2024)