Tejas Manoj Athalye

Pune, India | +91 7666803812 | me.tejasathalye@gmail.com
Portfolio | GitHub | LinkedIn

EDUCATION

- **NBN Sinhgad Technical Institutes Campus** — Pune, India
  Bachelors of Engineering in Computer Engineering; CGPA: 7.89 — *2021 – 2025*

EXPERIENCE

- **Cloud Computing Intern** - *KasNet Technologies Pvt. Ltd.* — 2023 – 2024
  - **Cloud Optimization**: Optimized Azure SQL, improving storage efficiency by 20%.
  - **Data Visualization**: Developed Power BI dashboards, increasing data-driven efficiency by 30%.

PROJECTS

- **Varicose Veins Detection Using YOLO** - *AI-Powered Medical Diagnosis* — GitHub
  - **Deep Learning Model**: Developed a YOLO-based classification system enhanced with EfficientNet.
  - **Dataset**: Curated 3,000+ images for training, improving detection accuracy.
- **SwipeHire** - *AI-Powered Job Matching App* — In Progress
  - **Recommendation System**: Leverages resume analysis and engagement metrics for job matching.
  - **Bidirectional Swiping**: Allows recruiters and candidates to match efficiently.
- **NFTix** - *NFT-Based Ticketing Platform* — GitHub
  - **Blockchain Security**: Uses Solidity and IPFS for fraud prevention.
  - **Smart Contracts**: Enables resale with royalties via smart contracts.

TECHNICAL SKILLS

- **Programming Languages:** Python, Solidity, Javascript.
- **Technologies:** SQL, MongoDB, Smart Contracts, Web3, Cloud Computing (Azure), MS Excel, Power BI, Power Query, Linux, Generative AI, LLM.
- **Frameworks & Libraries:** NumPy, pandas, scikit-learn, PyTorch, Matplotlib, Seaborn, Ultralytics, MLflow, React, Vite, NextJS
- **Project Management & Tools:** Agile Methodologies, Jira, MS Project
- **DevOps:** Docker, Kubernetes, CI/CD, Git, Github, Workflows

PUBLICATIONS

- **Detection of Varicose Veins Using YOLO**: Published in IARJSET, Vol. 11, Issue 10, 2024.
  DOI: 10.17148/IARJSET.2024.111012

CERTIFICATIONS

- Azure Fundamentals (AZ-900)
- Google Advanced Data Analytics
- Google Cybersecurity
- Google Data Analytics
- Google Project Management
- Google Business Intelligence

EXTRACURRICULAR ACTIVITIES

- **Hackathon Achievement**: Winner of $100 prize in 'OKTO Track' at UNFOLD 24, Bengaluru.
- **FSAE Electric Racing**: Core member of STES Racing team for FSAE 2024; worked on powertrain and control logic.
- **Sinhgad Capture Crew**: Photographer and media coordinator for institute-wide events under Sinhgad Technical Education Society.
- **Event Leadership**: Led the Drone Flying Competition at Sinhgad National Springfest 2024.
- **Sports**: 2× National Games Participant and 2× State Gold Medalist in Karate (2018, 2019).