

# Nikhil Mana

Aspiring Machine Learning Engineer

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## EDUCATION

**B.E. Computer Science (AI & ML) | Maharaja Institute of Technology, Mysore**

Expected 2027 | CGPA: 8.0+

## KEY ACHIEVEMENTS

- 🥇 **TiE u Pitchfest 2025 Winner:** 1st place at TiE Mysuru for "Sign Health" - healthcare accessibility innovation
- 🏆 **Workshop Leadership:** Led Python workshops for 50+ participants
- 🚀 **Hackathons:** Participated in 36+ hour coding marathons (Shrishti, Hacksprint)

## TECHNICAL SKILLS

### Languages:

Python Java C JavaScript

### ML/AI:

TensorFlow OpenCV Machine Learning Deep Learning Computer Vision

**Tools:** Git/GitHub, Jupyter, VS Code, Docker, Linux

**Core:** Data Structures & Algorithms, OOP, Database Management, Agile Development

## PROJECTS & EXPERIENCE

**Mobile App Development Intern | RunShaw Technologies Pvt. Ltd.**

Jul–Aug 2024

- Developed PDF Merger Android app using Kotlin and Android SDK
- Implemented secure file access, background processing, and multi-version support
- Tech: Kotlin, Android SDK, Flutter, Git

### Sign Language Healthcare Communication System (Sign Health)

- ML-powered real-time sign language interpretation for healthcare using TensorFlow and OpenCV
- Trained CNN models achieving 85%+ accuracy in gesture recognition
- Tech: Python, TensorFlow, OpenCV, Computer Vision, Deep Learning

### Interactive Web Applications

- Developed responsive web apps with React and JavaScript
- Built RESTful APIs with Node.js and Express.js
- Tech: HTML5, CSS3, JavaScript, React, Node.js, Express.js

## COMPETITIONS & WORKSHOPS

### Competitions:

- TiE u Pitchfest 2025 - 🥇 1st Place
- Shrishti Hackathon (36 hrs)
- Hacksprint (24 hrs)

### Workshops:

- Python Fundamentals (Trainer)
- AI Tools, Agentic AI, ML (Attendee)

## SOFT SKILLS

Leadership & Team Collaboration • Technical Communication • Problem Solving • Analytical Thinking • Fast Learning • Time Management • Agile Development