

# LAKSHYA KHAMESRA

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[Portfolio](#)

[in lakshya-khamesra](#)

[🔗 LakshyaK10](#)

## Education

**B.E. Artificial Intelligence and Machine Learning, BMS College of Engineering**

**2023 – 2027**

*CGPA: 9.4/10*

*Bangalore, Karnataka*

## Experience

**AWAARA Run Club**

**Sept 2025 – Present**

*Co-Founder*

*Bangalore, Karnataka*

- Co-founded and currently running the Awaara Run Club, a community-driven initiative promoting fitness
- Managing 550+ registered runners with biweekly runs averaging 70-75 members.
- Designed and launched the official website: [awaara.club](http://awaara.club)
- Achieved 300K+ views across social media in the last 30 days, fostering engagement and community spirit.
- Generated revenue of Rs. 85K+ within 4 months of operations.

## Projects

**TrainX** | *Python, OpenCV, TensorFlow, React, Flask, MongoDB* | [🔗](#) | Live

**September 2025-Present**

- Developing an AI-driven web platform to assist users with gym memberships, personalized workouts, and tracking.
- Implemented pose-estimation and workout-accuracy detection using Python, OpenCV, TensorFlow, and MediaPipe to analyze exercise form.
- Built a full-stack system using React for the frontend, Flask for the backend, and NoSQL for data storage to manage user profiles and progress.
- Integrated AI modules to generate personalized diet plans, workout recommendations, and real-time form-correction feedback.

**AWAARA Run Club** | *React, Tailwind CSS, Supabase* | [🔗](#) | Live

**September 2025-Present**

- Designed and developed a modern, fully responsive web platform for a running community to manage run events and participant registrations.
- Built a dynamic run registration system supporting both free and paid events, with separate views for upcoming and completed runs.
- Implemented a secure admin panel using Supabase PostgreSQL and Authentication for creating, updating, and managing run data.
- Created a brutalist-inspired UI using React (CDN) and Tailwind CSS, while applying security best practices to protect admin functionality and sensitive keys.

**GetYou** | *Python, Flask, React, Face Recognition* | [🔗](#)

**November 2025**

- Developed a full-stack web application that lets users upload a selfie and retrieve all matching photos using AI-powered 128-D facial encoding with 85–95% accuracy.
- Built an intuitive React interface for selfie upload, similarity-scored results, lightbox preview, and individual or bulk image downloads.
- Implemented an admin panel with secure login, bulk photo uploads, automated face encoding, face counting, and end-to-end gallery management.

## Certificates

**Google Generative AI** : Certificate

## Technical Skills

**Languages:** Java, Python, C, HTML, CSS, JavaScript

**Technologies and Tools:** React.js, Flask, Next.js, Node.js, MongoDB, Tailwind CSS, Bootstrap, Pandas, NumPy, Postman, Git, GitHub

**Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Database Management Systems, Operating Systems, Machine Learning, Artificial Intelligence

## Leadership

**Phase Shift, College Technical Fest**

**Sept'2025**

*Junior Coordinator – Sponsorship*

*BMSCE*

- Collaborated with senior coordinators and managed a team to handle sponsor communications and brand partnership activities.
- Actively pitched companies, presented event visibility proposals, and negotiated sponsorship agreements to strengthen brand engagement.