

LAKSHYA KHAMESRA

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Portfolio

LinkedIn: lakshya-khamesra

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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
- 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.