

# LAKSHYA KHAMESRA

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Portfolio

in [lakshya-khamesra](https://www.linkedin.com/in/lakshya-khamesra)

🔗 [LakshyaK10](https://github.com/LakshyaK10)

## Education

**B.E. Computer Science, BMS College of Engineering**

CGPA: 9.31/10

**2023 – 2027**

Bangalore, Karnataka

**XII (CBSE), MDS Public School**

Percentage: 76.8%

**2023**

Udaipur, Rajasthan

**X (CBSE), Seedling Modern Public School**

Percentage: 91.6%

**2021**

Udaipur, Rajasthan

## Experience

**AWAARA Run Club**

Sponsorship Head

**Sept 2025 – Present**

Bangalore, Karnataka

- Founded Awaara Run Club, building a growing running community by organizing regular group runs and fitness-focused events.
- Led sponsorship operations for Awaara Run Club, securing collaborations with brands to support community run events and boosting event visibility and participant engagement.

## Projects

**GymLife** | Python, OpenCV, TensorFlow, React, Flask, MongoDB | 🌐

**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.

**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.

**PopcornPulse: Movie Recommendation System** | Python, Flask, ML | 🌐

**February-March 2025**

- Developed an AI-powered movie recommendation system that personalizes suggestions based on user preferences, viewing history, mood, and IMDb ratings.
- Implemented content-based filtering using TF-IDF, cosine similarity, and NLP techniques to recommend movies by analyzing genres, tags, and descriptions.
- Integrated Google Gemini API for mood-based recommendations and OMDb API for real-time IMDb rating insights within an interactive web interface built using Flask and HTML/CSS/JavaScript.

## 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.