

LAKSHYA KHAMESRA

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[Portfolio](#)

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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

Sept 2025 – Present

Sponsorship Head

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.