

Lakshay Peswani

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering | CGPA: 8.23

Expected May 2026
Bhopal, Madhya Pradesh

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Cloud Computing

Technical Skills

Languages: C++, Python, JavaScript, HTML5, CSS, SQL

Frameworks/Tools: MongoDB, React.js, Node.js, Tailwind CSS, Bootstrap, Git/GitHub, Excel

Projects

TrainGenie — AI-Powered Fitness & Nutrition Tracker

React.js, Tailwind CSS, Nutritionix API, OpenRouter AI

Frontend Developer

- Developed a mobile-responsive platform with React.js and Tailwind CSS to log workouts and track daily nutrition, improving usability across devices.
- Integrated Nutritionix API for automated calorie and macro calculation, reducing manual entry time by 70%.
- Deployed AI-powered chatbot (OpenRouter API) to provide real-time fitness guidance and enhance user engagement.

SocioPedia — Social Media Platform

React.js, Bootstrap, Figma

Frontend Developer

- Designed and implemented a responsive UI for 100+ users to create posts, interact via likes/comments, and engage in discussions.
- Built reusable React components (feeds, modals, buttons), reducing frontend code duplication by 40%.
- Enhanced mobile usability to a 95% Lighthouse score through optimized Tailwind CSS layouts.

Tribal Treasures — E-commerce for Tribal Communities

React.js, Tailwind CSS

Frontend Developer

- Developed responsive product listing and artifact showcase pages, improving navigation experience for 50+ sample items.
- Implemented product filtering and checkout flow, reducing average navigation clicks by 30%.
- Collaborated on mock API integration to render tribal artifacts dynamically, ensuring scalable front-end architecture.

Certifications

- Cleared Internal Round of Smart India Hackathon
- Ethnus Adobe UI/UX (Graphic Design)
- Smartbridge MERN Full Stack Web Development

Extracurriculars

Anime Club – VIT Bhopal

Core Member and Lead of Photography Department

- Led a team of 4 members in managing photography coverage and creative content.
- Contributed to major college events including *Advitya 2025*.