

Lakshay Saxena

Portfolio: icodelakshay.tech |

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Technical Skills

- **Core Programming Languages:** C, C++, Java, JavaScript.
- **Frameworks / Libraries:** Spring Boot, ReactJS, NextJS, NodeJS, ExpressJS.
- **Databases:** MongoDB, PostgreSQL, MySQL, Firebase.
- **Developer Tools:** Git, GitHub, Visual Studio Code, IntelliJ IDEA.
- **Web/Operating System:** Windows, Linux.
- **Technical Proficiencies:** DSA, OOPs, DBMS.
- **Soft Skills:** Leadership, Problem-Solving, Collaborative.

Education

Bachelors of Computer Application (BCA)

Maa Bharti P.G. College.

Kota

Oct 2022 – Aug 2025

- CGPA: 8.2

Senior Secondary Education

Maa Bharti sr. sec. school

Kota

2020 – 2022

- Final Percentage: 68.2% (PCM)

Secondary Education

M.B Internation School

Kota

2018 – 2020

- Final Percentage: 74.8%

Technical Projects

Fit Tracker – AI Powered Fitness Tracking Platform [\[Link\]](#)

29 July 2025 – 5 Aug 2025

- Built a full-stack fitness platform with **Next.js 14**, **TypeScript**, **Express.js**, and **MongoDB**, implementing JWT authentication with secure middleware and protected routes.
- Designed a **modern, responsive UI** using Tailwind CSS and shadcn/ui with mobile-first optimizations and accessibility support.
- Integrated **Google Gemini AI** to deliver personalized workout recommendations, nutrition guidance, and context-aware fitness conversations with Markdown rendering. Enabled secure authentication and session handling with **JWT tokens**.
- Developed **interactive progress analytics** with Chart.js, including BMI tracking, workout frequency trends, and real-time performance dashboards.
- Implemented **DevOps-ready deployment** with automated backend activation on Render, dynamic imports, and code-splitting to optimize first-load bundle size (~320KB).
- Created a **comprehensive fitness tracking system** for workouts, BMI, body measurements, and progress history, with smart data relationships and export/import functionality.

Samvaad – A 1:1 chat application [\[Link\]](#)

3 June 2025 – 20 July 2025

- Building a real-time 1:1 chat application with seamless messaging using **Socket.io** and **ExpressJS** backend.
- Utilized **ReactJS** and **Tailwind CSS** to design a clean, responsive UI with modern interactions.
- Implemented **Zustand** for lightweight and scalable global state management.
- Enabled secure authentication and session handling with **JWT tokens**.
- Ensuring smooth real-time user experience with efficient socket event handling and client-server communication.

Crypto Flux – A crypto price tracking dashboard [\[Link\]](#)

16 May 2025 – 24 June 2025

- Developed a real-time cryptocurrency dashboard to track live market data using the **CoinGecko API**.
- **Designed a responsive UI with Tailwind CSS, supporting dark/light mode toggle.**
- Implemented dynamic tables with **TanStack Table** for filtering, sorting, and pagination.
- Used **TanStack Query** for efficient data fetching, caching, and performance optimization.
- Managed global state with **Zustand** and validated data structures using **Zod**.

CineCove – Movie Recommendation Site [\[Link\]](#)

18 March 2025 – 20 March 2025

- Developed a responsive movie app using **React**, **TypeScript**, and **Tailwind CSS**.
- Fetched and displayed movie data via **TMDB API** with search, filters, and detail views.
- Integrated **Appwrite backend** for user authentication and watchlist management.
- Ensured mobile-friendly UI with optimized API calls and smooth UX.

Experience [6 months]

Full Stack Developer – MERN Stack

1 November 2024 – Present

Full-time | Jee Vijay technologies | On-site |

- Built and deployed **15+ full-stack web applications** over 6 months.
- Contributed to both **individual** and **team projects**, taking ownership as a **project lead** in several key builds.
- Gained hands-on experience with advanced features like **Cloudinary integration**, **Agora video calling**, and **authentication flows**.
- Focused on writing **clean, scalable code** with optimized performance and responsive UI/UX design.
- Collaborated in an agile environment using **Git**, **GitHub**, for smooth teamwork communication.