

# KAMNA JAIN

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## Summary

Aspiring Software Development Engineer with hands-on experience building full-stack web applications using the **MERN stack**. Finalist in **CodeHers by Walmart** with strong foundations in **Data Structures**, **OOP**, and **Database Design**. Solved **450+** problems on LeetCode (Top 10% globally). Focused on creating scalable, performant, and user-centric solutions.

## Education

Indian Institute of Information Technology, Gwalior

Nov 2022 – May 2026

BTech (Information Technology)

CGPA: 8.55

OPS Vidya Mandir, Karnal (CBSE)

Class XII (2022): **96.6%**

Class X (2020): **95.4%**

## Experience

FullStack Developer Intern – Yahweh-Innovations

May 2024 – Aug 2024

Haryana, India

- Engineered and deployed 3+ full-stack web applications using the **MERN stack**, accelerating MVP delivery by **30%** and cutting development time from 3 weeks to 2.
- Led front-end development in an **Agile team** of 6, designing responsive **React UIs** that reduced UI bugs by **40%** and boosted user satisfaction by **25%**.
- Optimized **MongoDB** queries and frontend rendering logic, achieving **50% faster page loads** across production apps.

## Projects

**StudyNotion** | React, Node.js, Redux, Razorpay, JWT, Express.js

[GitHub Repo](#)

- Built a full-stack EdTech platform supporting secure **course creation**, **payments**, and **video delivery**, improving learning engagement for 150+ users.
- Optimized login and instructor flows via **JWT**, cutting auth latency by **10%** and boosting upload speed by **15%**.
- Implemented **Redux** state management across cart, reviews, and dashboards, ensuring **90%+ payment success** rate on transactions.

**POSE MASTER** | TensorFlow.js, WebSockets, RAG, Node.js

[GitHub Repo](#)

- Developed a real-time fitness platform used by 500+ users with pose detection powered by **TensorFlow.js** and 95% feedback accuracy.
- Enabled real-time interaction via **WebSockets**, integrating live video, chat, and data between clients and instructors.
- Built a smart diet chart system using a **RAG** pipeline and scalable upload handling with **Node.js**.

**Youtube Layer** | React, Node.js, MongoDB, YouTube Data API

[GitHub Repo](#)

- Designed a secure platform for YouTubers and editors, supporting **role-based access** and file tracking.
- Automated video publishing using the **YouTube Data API**, cutting down manual steps and upload time by **70%**.
- Streamlined editor discovery and task flow with RESTful **APIs**, modular **React** components, and reusable hooks.

## Technical Skills

Languages: C++, JavaScript, Python, C

Web Technologies: React.js, Next.js, Node.js, Express.js, Redux, TailwindCSS

Databases: MongoDB, MySQL, Mongoose

Developer Tools: Git, GitHub, Postman, VS Code, Linux, LaTeX

Concepts: REST APIs, Data Structures & Algorithms, Object-Oriented Programming (OOP), JWT Auth, WebSockets, Agile Methodology

## Achievements & Leadership (Certificates Portfolio)

- Finalist, CodeHers by Walmart 2025 – Top **250** from **1,00,000+** applicants.
- Global Rank **524**, CodeChef Starters 182; **Top 1** in C Score at Codolio (college-level).
- Solved **450+** problems on **Leetcode**, with a peak rating of **1734** (Top **10%** globally).
- Semi-Finalist, CodeRush 4.0 – IVP Hackathon 2025; shortlisted from **15,000+** participants.
- 2× Gold Medalist, SOF English Olympiad – Rank 1 at school level.
- Joint Secretary, Student Activity Council – Led planning of cultural events; coordinated with faculty, sponsors, and 300+ students.
- Coordinator, Infotsav Techno-Managerial Fest – Managed 30+ volunteers; oversaw event logistics and sponsor collaboration.