

HIMANSHU RAJ

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EDUCATION

Indian Institute of Information Technology Ranchi
Bachelor of Technology in Computer Science and Engineering

2023-2027
CGPA: 8.06/10.0

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML/CSS, C++ , Python
Databases: MongoDB, Convex, PostgreSQL, SQLite
Frameworks & Libraries: React, Next.js, Node.js, Express, Tailwind CSS, GraphQL, TanStack Query, shadcn/ui, Motion
Tools & Technologies: Git, Linux, Postman, Zustand, Vercel, Render, Firebase
Concepts: Data Structures and Algorithms, OOP, Version Control

PROJECTS

Lernix Learning Platform | *React.js, Node.js, MongoDB, Express.js, Clerk*

April 2025

[Live Link](#) | [Source Code](#)

- * Built a full-stack learning platform allowing educators to **publish courses** and students to browse, enroll, and monitor progress through an intuitive UI
- * Implemented **Clerk** for secure authentication and role-based access, enabling seamless student–educator workflow separation
- * Integrated **Stripe** for handling course payments and automated educator onboarding with robust transaction safety
- * Utilized **Cloudinary** for efficient image and video uploads, ensuring optimized delivery of media content across the platform
- * Developed core features like **dynamic course management, real-time enrollment tracking and personalized dashboards** for educators

VibeCall - Video Calling Platform | *React, Node.js, Streamify SDK, TanStack Query, DaisyUI*

May 2025

[Live Link](#) | [Source Code](#)

- * Full-stack video calling and messaging platform with real-time communication and user presence features
- * **Streamify SDK** integration for low-latency video calls and real-time chat functionality between authenticated users
- * **Friend request** implementation and user management system with secure authentication and social interaction features
- * **TanStack Query** utilization for efficient server state management, caching, and API synchronization
- * Built Fully responsive UI using **Tailwind CSS and DaisyUI** for a sleek and user-friendly experience

Expense Wise | *MongoDB, Express, React, GraphQL, Passport.js, Chart.js*

June 2025

[Live Link](#) | [Source Code](#)

- * Full-stack expense tracker application with **user authentication using Passport.js** and **session-based login**
- * Custom **GraphQL API** with Express and **Apollo Server** to manage and query expenses efficiently
- * Interactive financial **data visualizations using Chart.js** for insightful expense trends
- * Built a responsive and modern UI using **React and Aceternity UI, with Apollo Client** for seamless GraphQL integration and dynamic user experience
- * Implemented MongoDB with Mongoose for efficient data storage, retrieval, and real-time rendering of financial insights

ACHIEVEMENTS & CERTIFICATIONS

Solved **600+** DSA problems on various coding platforms like Leetcode, GeeksForGeeks and Hackerrank [View Progress](#)

Completed Full Stack Web Development Bootcamp on Udemy [View Certificate](#)

EXTRACURRICULAR ACTIVITIES

Member of House Of Geeks Technological Society, IIIT Ranchi