HIMANSHU RAJ

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EDUCATION

Indian Institute of Information Technology Ranchi   **2023-2027**
Bachelor of Technology in Computer Science and Engineering   *CGPA: 8.06/10.0*

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML/CSS, C++, Python
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS, GraphQL, Rest API
Databases: MongoDB, Convex
Tools & Technologies: Git, Linux, Postman, VS Code, Zustand, Vercel, Render
Concepts: Data Structures and Algorithms, OOPs, Version Control (Git)

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 **500+** 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