

Kapil Handeriya

Indian Institute of Technology Goa

Second Year **Undergraduate, Computer Science and Engineering**
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Education

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|---|-------------------|----------------|
| BTech, Computer Science and Engineering: Indian Institute of Technology Goa | CGPA: 7.21 /10 | 2023 - PRESENT |
| Class 12, CBSE: MDS Sr. Sec. School, Udaipur | Aggregate: 87.8 % | 2022 - 2023 |

Projects

Connectify – Real-Time End-to-End Encrypted Chat App [\[GitHub\]](#): (Apr. 2025 - May 2025)

- Built a full-stack chat application enabling secure, real-time messaging with RSA based end-to-end encryption to protect User privacy.
- Implemented real-time communication using Socket.IO and secure authentication using JWT-based login system.
- Utilized Zustand for efficient global state management and integrated Cloudinary for seamless image uploads.
- Built a responsive frontend with React, Tailwind CSS, and Vite; designed backend REST APIs using Node.js, Express, and MongoDB.

E-Commerce Store – Full-Stack Online Shopping Platform [\[GitHub\]](#): (Feb. 2025 - May 2025)

- Engineered a comprehensive online store supporting product discovery, shopping cart functionality, and secure checkout with integrated Stripe payments.
- Designed and implemented user authentication, role-based access for admins, and a dashboard for managing products, categories, orders and real-time sales analytics.
- Utilized Zustand for global state management and integrated Cloudinary for efficient product image uploads.
- Developed a responsive frontend using React, Vite, and Tailwind CSS, and built robust backend APIs with Node.js, Express, MongoDB, and Redis.

Digital Clock Slider UI – Real-Time Animated Clock [\[GitHub\]](#) [\[Live\]](#): (June 2025)

- Built a vertical slider clock using React and Tailwind CSS with real-time updates and smooth digit transitions.
- Styled components with glass morphism, 3D effects, and animated label centring for a modern UI.
- Modularized codebase for scalability and maintained responsive design throughout.

Skills

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|------------------------------------|--|
| Programming Skills: | C, C++, Python, JavaScript. |
| Frameworks & Libraries: | React, Node.js, Express, REST APIs, Tailwind CSS, Socket.IO, MongoDB (Mongoose), Zustand, Stripe, Redis, Flask, Cryptography. |
| Computer Skills: | Git, GitHub, Linux, Figma, Power BI, MS Word, MS Excel, LaTeX. |
| Relevant Coursework: | Data Structures & Algorithm, Algorithm Design and Analysis, Linear Algebra, Probability and Statistics, Computer Networks, Numerical Analysis, Discrete Mathematics, Operating Systems, Computer Architecture. |
| Soft Skills: | Problem-solving, Team collaboration, Time management, Effective communication, Adaptability. |

Positions of Responsibilities

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|----------------------------|---|
| Contingency Leader: | Led the IIT Athletics team into the Inter IIT Sports Meet (2024) |
| Literary Club: | Active member of Literary Club of IIT Goa (2023 - Present) |

Achievements

- Represented IIT GOA in Inter IIT Sports Meet in Athletics events.
- Solved 200+ algorithmic problems on various platforms, strengthening problem-solving and coding skills.
- Harvard University | [(Online) CS50X – Introduction to Computer Science] [\[Certificate\]](#)

Extracurriculars and Hobbies

- Sports: Enjoy participating in athletics and track events as part of IIT Goa's sports community.
- Outside Interests: Enjoy exploring technology blogs or novels, music, and travel experiences.