

Kapil Handeriya

Indian Institute of Technology Goa

Second Year Undergraduate, Computer Science and Engineering

Add: 92, D-Block, Savina, Hiran Magri, Udaipur, Rajasthan

e-mail: [kapil.handeriya.23031@iitgoa.ac.in](mailto:kapil.handeriya.23031@iitgoa.ac.in)

Mobile: +91 9257481128

Portfolio: <https://portfolio-five-sand-82.vercel.app/>

LinkedIn: [www.linkedin.com/in/kapilhanderiya](https://www.linkedin.com/in/kapilhanderiya)

GitHub: [www.github.com/kapilhanderiya](https://www.github.com/kapilhanderiya)

Education

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 [\[GitHub\]](#) [\[Live\]](#):

(Feb. 2025 – Jun. 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

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

Contingency Leader:	Led the IIT Athletics team int 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.