Kapil Handeriya
Indian Institute of Technology Goa

Second Year **Undergraduate, Computer Science and Engineering**
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GitHub: **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.

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.