

VANSHIKA SINGLA

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EDUCATION

Indian Institute of Information Technology, Kota

2023 - 2027

Bachelor of Technology (CSE) , CGPA: 7.57

Class XII

2022

CBSE , Percentage 92

SKILLS

Languages and Frameworks

C, C++, React Js, Node Js, Express JS, MongoDB

Tools

Git, VS Code, Postman.

Relevant Coursework

DSA, OOPS, DBMS, Computer Networks, Operating System.

ACHIEVEMENTS

- **Top 6 Finalist in Myntra HackerRamp- WeForShe 2025.**
- Ranked **271 out of 6,300+** teams in the **Odoo Hackathon.**
- Solved **430+ DSA problems** across different platforms ([Leetcode](#) (rated 1530+), [gfg](#), [Codeforces](#) (rated 970+)).

PROJECTS

Myntra AI- HackerRamp WeForShe-2025 — Source Code — Try it here

- **Tech Stack:** MERN, Gemini API, Sentence-Transformers, PyTorch, Hugging Face Spaces.
- Integrated the **Google Gemini API** to perform multimodal query analysis — interpreting both **textual inputs and uploaded images** — to enhance the precision of product recommendations.
- Implemented semantic vector search using **Sentence-Transformers and MongoDB Atlas Vector Search**, enabling the system to retrieve contextually similar fashion and home décor items based on user intent.
- Developed and deployed two AI models on **Hugging Face Spaces** — a **Sentence-Transformer for semantic vector embeddings** and a **PyTorch segmentation model** enabling a realistic virtual try-on experience.

StreamNest — Source Code

- **Tech Stack:** Node.js ,Express.js, MongoDB, Cloudinary, JWT, Multer
- Developed complete backend of a Video Sharing Platform that implements core features like user **registration/login, video upload, like/comment system, playlist management, and watch history.**
- Uses **Cloudinary** for media storage, **JWT + cookies** for secure auth, and **Mongoose aggregation** for efficient querying.

Mystry-Message — Source Code — Try it here

- **Tech Stack:** Next.js, NextAuth.js, Shadcn/UI, Zod, Google Gemini API, Typescript
- A full-stack anonymous messaging app where users receive "mystery messages" via a **unique, shareable URL**. Built with **Next.js**, it features secure user **authentication using NextAuth.js**.
- Authenticated users (owners) can view and delete the anonymous messages they receive.
- Integrates the Google Gemini API to intelligently suggest engaging messages for senders to use.

CERTIFICATIONS

- [Networking Basics](#) Cisco Networking Academy