

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 Mynta 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

Mynta 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](#)