

ARYAN NARANG

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EDUCATION

Vellore Institute of Technology, Bhopal <i>B.Tech — Computer Science and Engineering</i> — CGPA: 7.5/10	2022 – 2026 (Expected)
Daffodil Public School (CBSE) <i>Class XII</i> — 75%	2020 – 2021
Indus Public School (CBSE) <i>Class X</i> — 97%	2018 – 2019

TECHNICAL SKILLS

- **Languages:** Python, JavaScript/TypeScript
- **Web/Backend:** Next.js 13, React, Flask, WebSockets
- **Databases:** MySQL
- **Auth/Video:** Clerk (OAuth/JWT), Stream SDK (WebRTC)
- **Tools/Deployments:** Git, GitHub, Vercel

PROJECTS

YOOM — Video Conferencing Platform ↗ — FULL-STACK REAL-TIME COMMUNICATION

- Developed a video conferencing app using Next.js 13 (TypeScript), Stream Video SDK (WebRTC), and Clerk (OAuth/JWT).
- Implemented meeting scheduling, instant joins, call recordings, role-based access, lobby, screen-share, and dynamic layouts; deployed on Vercel for production use.

SymptoCareAI ↗ — LLMs for Safe Medical Advice

- Built a Flask + WebSockets chatbot integrating MediSearch API & LLMs to analyze symptoms with safety guard-rails (triage prompts, disclaimers, fallbacks).
- Tested with multiple queries; ensured responsive interactions and consistent performance in real-time scenarios.

Online Retail Store ↗ — DATABASE MANAGEMENT SYSTEMS

- Designed a relational schema (ERD), implemented CRUD with JOINs, and applied indexing/normalization techniques in MySQL.
- Analyzed queries using EXPLAIN for performance insights; created documentation and seed scripts for reproducibility.

CERTIFICATIONS

Microsoft Certified: Azure AI Engineer Associate ↗