



# ARYAN NARANG

☎ [+91-9518477590](tel:+91-9518477590) ✉ [aryannarang110@gmail.com](mailto:aryannarang110@gmail.com)  [LinkedIn](#)  [GitHub](#)

## EDUCATION

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

## TECHNICAL SKILLS

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- **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

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### **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

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Microsoft Certified: Azure AI Engineer Associate 