

# DHRUV VIVEK GADRE

[dhruvgadre09062005@gmail.com](mailto:dhruvgadre09062005@gmail.com)   [LinkedIn](#)   +919136531815

## PROFILE SUMMARY

---

Experienced developer skilled in data science, machine learning, and front-end development. Strong in leadership, project management, and delivering results.

## EDUCATION

---

**Bachelor of Technology in Computer Science**

2027

Vellore Institute of Technology, Chennai, India

9.55 CGPA

*Relevant Coursework:* Database Systems, Object-Oriented Programming, Web Development, Computer Networks

## SKILLS

---

<b>Frontend</b>	HTML, CSS, JavaScript, ReactJS
<b>Backend</b>	Python (Flask, FastAPI), REST APIs
<b>AI/LLM Applications</b>	LangChain, LangGraph, Experimental Agents
<b>Data &amp; Analytics</b>	Pandas, NumPy, Power BI, Data Cleaning

## EXPERIENCE

---

**Data and Analytics Intern**

Jun 2025 - Jul 2025

*Pricewaterhouse Coopers, India*

*Bengaluru*

- Developed a chat bot for Internal firm use for the Manager portal. Spearheaded codebase migration of said chatbot from Langchain to Langgraph resulting in a 61% reduction in data query time.
- Created a responsive product UI for the chat bot in ReactJS and engineered a Python backend, integrating ~10 APIs with 100% deployment success, reducing latency by 30% and improving user load times.
- Initiated the development of a VS Code/Cursor AI extension (**TypeScript**) for in-editor code/prompt generation, eliminating browser switching and saving devs 4+ sec/query.

## PROJECTS

---

**RecoveryPath – Addiction Recovery Platform**

- Built full-stack platform with **Python (Flask)**, **React**, and **MongoDB**, featuring real-time patient tracking that boosted engagement by **40%** through personalized dashboards.
- Implemented interactive community features using React to improve peer support and treatment adherence.

**AI-Powered RAG System**

- Developed low-latency RAG pipeline using **Ollama** and **FAISS**, parsing queries and retrieving relevant chunks **38% faster** than commercial LLM APIs.
- Improved retrieval accuracy by 15% by implementing semantic-based chunking with **all-MiniLM-L6-v2** embeddings.
- Enabled private document Q&A with **~6 seconds** end-to-end response time (as measured for a 1Mb file).

**HackManager – Hackathon Management Platform** (MERN Stack)

- Collaborated to build a scalable hackathon platform handling **multi-role logins** (hosts/judges/teams).
- Reduced API latency by **~24%** via query optimization and indexing
- Supported **5+ live events** with zero downtime during judging cycles

## LEADERSHIP & ACHIEVEMENTS

---

- Organized backend and DevOps initiatives as Vice Chairperson, **Nexus VITC** – managing its debut hackathon with 500+ participants, making it one of the largest at VIT Chennai.
- Led safety system design for **DROMOS Hyperloop** pods, developing critical occupant protection features. Recognised as Runner-up for Best Blueprint at **GHC – IIT Madras (2025)**.