

# ANSHUL PATEL

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## Education

### Vellore Institute of Technology

B.Tech, Computer Science and Engineering – CGPA: 9.37

Aug 2023 – Aug 2027

Vellore, Tamil Nadu

## Experience

### Tri-Force Consulting Services Pvt. Ltd.

May 2025 – June 2025

Flutter App Developer Intern

Ahmedabad, Gujarat

- Developed and localized **MLeads app** by managing **1800+** phrases across **20 languages**, implementing dynamic language selection interface
- Engineered **Firebase integration** for user authentication, live notifications, and real-time data synchronization across devices
- Maintained **Flutter project modularity** for scalability and collaborated using **Git/GitHub** for version control

### Centre for Social Entrepreneurship and Development, VIT

Apr 2024 – Feb 2025

Core Committee Member

Vellore, Tamil Nadu

- Organized and managed **workshops and tech events for 200+ students** focused on social entrepreneurship
- Collaborated with **cross-functional teams** to design initiatives integrating technology and community development
- Led outreach, volunteer programs, and **event logistics, sponsorship, and media coordination**

## Projects

### RecruitIQ – AI-Powered Resume Screening System | Python, Streamlit, LLMs, Sentence Transformers, Pandas 🔒

- Built an **AI-driven Applicant Tracking System (ATS)** to automatically screen and rank resumes using **LLM-based resume parsing** and **semantic similarity matching**
- Designed an **explainable ML-based scoring engine** leveraging semantic embeddings and structured features to rank candidates transparently
- Designed a **recruiter-focused dashboard** with smart filters, skill-gap analysis, shortlisting workflow, and CSV export, reducing manual screening effort by **70%**

### Thinkroom – AI-powered workspace for students | Python, Streamlit, LangChain, LLMs, SQL, Vector Databases 🔒

- Developed a **modular AI dashboard** integrating **5+ AI tools**, including text summarization, SQL conversational querying, mathematical reasoning, PDF-based RAG, and code assistance
- Architected a **multi-app Streamlit framework** with centralized routing, enabling scalable feature addition and clean maintainability
- Implemented **LLM agents and retrieval pipelines** using **vector databases** to reason over both structured (SQL) and unstructured (PDF/text) data

### React Admin Dashboard | ReactJS, Material UI, Nivo Charts, Formik, FullCalendar 🔒

- Designed comprehensive admin dashboard using **React and Material UI**
- Integrated **Nivo Charts library** creating **12+ interactive data visualization components** with real-time updates
- Implemented form validation using **Formik and Yup** reducing data entry errors by **70%** across user workflows
- Built **calendar management system** with **FullCalendar integration** supporting **500+ monthly appointments**

## Technical Skills

**Programming Languages:** C, C++, Java, Python, JavaScript

**Web & App Development:** HTML, CSS, ReactJS, MySQL, Flutter, Firebase, Flask, Streamlit, FastAPI, REST APIs

**AI & Machine Learning:** Scikit-Learn, Pandas, NumPy, Matplotlib, TensorFlow, NLTK, Deep Learning, Docker, BentoML, MLflow, LangChain, HuggingFace, OpenAI, Large Language Model (LLM)

**Version Control & Cloud:** Git, GitHub, Data Version Control (DVC), AWS, MongoDB Atlas

## Certifications

### Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Jan 2026

Oracle University

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Jan 2026

Oracle University

### Complete Data Science, Machine Learning, DL, NLP Bootcamp

Oct 2025

Udemy