Anshul Patel

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Education

Vellore Institute of Technology   **Aug 2023 – Aug 2027**
B.Tech, Computer Science and Engineering – CGPA: 9.37   *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

AdminPro - Corporate 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

Oracle Cloud Infrastructure 2025 Certified Foundations Associate   **Jan 2026**
Oracle University

Complete Data Science, Machine Learning, DL, NLP Bootcamp   **Oct 2025**
Udemy