

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.

Flutter App Developer Intern

May 2025 – June 2025

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
- Built weather forecasting app from scratch with API integration for real-time data and 10-day prediction features
- Maintained Flutter project modularity for scalability and collaborated using Git/GitHub for version control

Centre for Social Entrepreneurship and Development, VIT

Core Committee Member

Apr 2024 – Feb 2025

Vellore, Tamil Nadu

- Organized and managed workshops and tech events for 200+ students promoting social innovation and entrepreneurship
- Coordinated cross-functional teams to plan initiatives combining technology and community development
- Led outreach and volunteer programs to increase student participation in sustainability-driven projects
- Executed event logistics, sponsorship outreach, and media coordination ensuring successful event delivery

Projects

EcoMind AI Waste Classifier | Python, Scikit-Learn, Flask, Docker, NLTK



- Engineered AI-powered waste classification system achieving 92% accuracy using CNN and image processing techniques
- Integrated recycling suggestions feature providing eco-friendly disposal recommendations for 15+ waste categories
- Deployed solution with 4-member team, reducing waste sorting time by 60% in testing scenarios

Phishing Detection Security System | Python, Scikit-Learn, NLTK, BentoML



- Developed ML-based phishing detection system with 98% accuracy using ensemble methods and NLP
- Analyzed 25,000+ URL samples and extracted 30+ security features for comprehensive threat assessment
- Deployed model using BentoML framework with REST API endpoints handling 1000+ requests per minute

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, R

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, OllamaAPI

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