ANSHUL PATEL

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Education

Vellore Institute of Technology   **Aug 2023 – Aug 2027**
B.Tech, Computer Science and Engineering – CGPA: 9.36   *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
- 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   **Apr 2024 – Feb 2025**
Core Committee Member   *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