

KRISH MANIYAR

Rajkot, Gujarat, India

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Education

Vellore Institute of Technology (VIT)

2023 – 2027

B.Tech in Computer Science and Engineering — CGPA: 9.24 / 10

Vellore, Tamil Nadu

Experience

Marwadi Shares and Finance Limited (MSFL)

May 2025 – Jun 2025

Flutter App Developer Intern

Rajkot, Gujarat

- Built and deployed an **enterprise-grade chat application** using **Flutter** and **.NET SignalR**, load-tested for **100+ concurrent users**, reducing response time by **40%**.
- Implemented **real-time file sharing, read/unread tracking, and group chat** features to improve internal collaboration.
- Collaborated with backend teams to optimize API usage and ensure **scalable real-time communication**.

Centre for Social Entrepreneurship and Development, VIT

Apr 2024 – Feb 2025

Core Committee Member

Vellore, Tamil Nadu

- Organized a **national-level hackathon** with **200+ participants**, handling logistics, sponsors, and digital outreach.
- Boosted event visibility by **60%** through targeted social media and technical engagement strategies.

Projects

End-to-End Text Summarization System | *Python, Transformers, PyTorch, FastAPI, Docker, NLP* 🧠

- Developed a full **end-to-end NLP pipeline** using a fine-tuned **Pegasus transformer** on the **SAMSum** dataset.
- Implemented modular stages for ingestion, validation, training, and evaluation using **ROUGE** and **BLEU** metrics.
- Deployed a **Dockerized FastAPI service** with REST endpoints for real-time summarization.

AI-Powered Phishing Detection System | *Python, Scikit-learn, FastAPI, AWS, Docker, MLflow* 🧠

- Developed an AI-powered phishing detection system using supervised ML models with automated model selection across 5 classifiers.
- Engineered 30+ security features (URL patterns, SSL states, domain reputation), achieving **98% accuracy, 94% precision, and 92% recall**.
- Tracked experiments, hyperparameters, and evaluation metrics using **MLflow** to ensure reproducible model development.

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

- Trained a **CNN-based waste classification system** achieving **92% accuracy** across **15+ categories**.
- Built a **recycling recommendation engine** and deployed a **Dockerized Flask REST API**.
- Reduced waste sorting time by **60%** through AI-assisted classification.

CV Builder Web App | *ReactJS, Context API, html2canvas, GitHub Pages* 🧠

- Developed a **real-time resume builder** with live preview, customizable templates, and PDF export.

Technical Skills

Languages: Python, C++, Java, JavaScript, R

AI / ML & NLP: Scikit-Learn, TensorFlow, Deep Learning, CNNs, NLP, NLTK, Pandas, NumPy, Matplotlib, HuggingFace, LangChain, OpenAI API, Ollama API

Modeling & MLOps: Classification, Regression, Feature Engineering, Model Evaluation, Docker, BentoML, MLflow

Web & Mobile: FastAPI, Flask, .NET Web API, REST APIs, Uvicorn, Flutter, ReactJS, React Native, HTML, CSS, TailwindCSS, Firebase

Cloud & Tools: AWS, Linux, Git, GitHub

Certifications

Complete Data Science, Machine Learning, Deep Learning & NLP Bootcamp

Oct 2025

Udemy

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Jan 2026

Oracle University

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Jan 2026

Oracle University