

CHINDIRI CHAKRI

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Linkedin

Github

Portfolio

EDUCATION

Vellore Institute of Technology

2022 – 2026

B.Tech in Computer Science and Engineering - **CGPA - 8.52**

Bhopal, India

TECHNICAL SKILLS

Languages: Python, SQL, Java.

Data Analysis & ML: Pandas, NumPy, Scikit-learn, TensorFlow, Spacy, LLM(basics).

Databases: MySQL, SQLite.

Data Visualization: Power BI, Power Query, Excel, Matplotlib, Seaborn.

Tools: VS Code, Git, Github, Jupyter Notebook.

PROJECTS

Shop Smart – Product Recommender | Python, Flask, SQLite

October 2025

- Built a recommendation system using similarity metrics on structured product data and achieved 87.5% accuracy.
- Designed REST APIs for ingestion, retrieval, and ranking.
- Performed data preprocessing, feature extraction, and vector-style similarity search using Pandas and NumPy.

Nifty Bank Stock Analysis Dashboard | PowerBI, Power Query Editor, Excel

June 2025

- Designed interactive Power BI dashboards tracking KPIs such as turnover, volume trends, average price, and volatility.
- Performed ETL and data cleaning on 100+ daily time-series records using Power Query and enabled drill-down and exploratory analysis to derive actionable market insights.
- Created 4+ custom DAX measures including volatility and correlation for financial trend analysis.
- Used Pivot Tables and Excel formulas to consolidate multiple sheets into analysis-ready tables.

Distress Detection | Python, TensorFlow Lite

March 2025

- Developed a multi-stage machine learning pipeline for audio-based distress detection.
- Processed and analyzed 5,000+ audio samples, including feature extraction and normalization.
- Conducted exploratory data analysis to understand class distribution and signal characteristics.
- Achieved 95.7% classification accuracy while reducing false positives through pipeline optimization.

INTERNSHIP

Infosys Springboard

August 2025 – October 2025

Intern

- Built data ingestion pipelines to parse syllabus documents into structured datasets.
- Designed metadata schemas for storing and querying educational content.
- Enabled data-backed personalization for learning workflows and improved system performance reducing content load time.

EXTRACURRICULAR

Bit By Bit Club

November 2023 – July 2025

Social Media Team Lead

VIT, Bhopal

- Led the Social Media Team, planning and executing team activities, including 3 hackathons and coding competitions with over 450 participants, managing resources, and securing judging panels.

Yophoria Innovation Challenge (AI Agent Engineer Track)

October 2025

Finalist

- Advanced to finals with a 3-member team developing an Autonomous AI Tutor Orchestrator using FastAPI and LangGraph, enabling intelligent multi-tool orchestration for educational systems by extracting parameters from conversational context.

TCS CodeVita Season 13 (Global Programming Competition)

2025

- Secured a global rank of 7465 in Round 1 and 6124 in Round 2 among participants worldwide.

CERTIFICATIONS

- Acquiring Data by Accenture - FutureSkillsPrime
- SQL Certification - SoloLearn
- Artificial Intelligence Primer Certification - Infosys Springboard