Vivek Choudhry

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My name is Vivek Choudhary, and I'm an electrical engineering student from VIT Chennai with 3rd year of experience. I have developed web applications using FastAPI, PostgreSQL, MongoDB, and JavaScript, and also major in building data pipelines, training and testing pipelines, creating machine learning models, and using MLOps tools like ZenML, MLflow, and DVC.

Education

- **Vellore Institute of Technology,** B.Tech in Electrical and Electronics Engineering
- **CGPA:** 8.83/10
- **Coursework:** Signal and System, Digital System, Digital Siginal Processing

Projects

- **Implementing MLOps workflow with MLflow and DVC**   Sep 24 - Oct 24

I built an MLOps cycle for a deep learning model that's designed to detect kidney disease from images on CT scans. For version control with MLflow, I have used DVC and built pipelines on data ingestion, model preparation, and training.

GitHub

- **Creating pipelines for machine learning models using ZenML.**   July 24 - Sep 24

I built a machine learning model to predict house prices and a customer review analyzer with extensive feature engineering and preprocessing. Additionally, I developed pipelines for different stages of the workflow using ZenML, ensuring streamlined processes and implemented model tracking for performance monitoring.

GitHub

- **AI-powered chatbot for website using generative models**   July 24- august 24

Developed a chatbot that provides personalized shopping recommendations based on user preferences. It also offers real-time assistance to guide users through the website and answer questions, improving customer engagement and satisfaction.

GitHub

Skills

- **Language**

Java, Python, JavaScript.

- **Backend**

Fastpi, Postgres SQL, MongoDB, NodeJs, ExpressJs

- **ML-OPS**

ZenML, MLflow, DVC, Heroku

- **Machine Learning**

Corsera and goolgle certifications, recommender system, classification model

- **Deep Learning**

Generative Ai, LLMs, Computer Vision, Natural Language Processing