

My Tech Stack

1. Development Environment & Coding Tools

- **Cursor IDE** – My main code editor.
- **VS Code** – For quick coding and debugging.
- **Kaggle Notebook** – For experiments and ML projects.
- **Bash Shell** – For scripting and automation.

2. Web Frameworks

- **FastAPI** – For building backend APIs.
- **Flask** – For small projects and prototypes.
- **Frappe** – For app development and integrations.
- **Streamlit** – For quick ML/AI web apps.

3. AI/ML Frameworks

- **TensorFlow** – For deep learning models.
- **PyTorch** – For research and custom ML models.
- **Scikit-learn** – For classical ML algorithms.
- **Pandas + NumPy** – For data analysis and preprocessing.

4. Agentic AI Tools

- **LangChain** – To build AI agents and RAG systems.
- **ChromaDB, PineconeDB** – For vector storage and retrieval.

5. LLM Platforms

- **OpenAI (GPT models)** – For text generation, coding help, and chatbots.
- **Hugging Face** – For hosting and experimenting with open source models.

6. AI Tools I Frequently Use

- **Jupyter Notebook** – For testing and explaining code.
- **ChatGPT** – For research
- **Cursor IDE AI Features** – For coding assistance.

7. Cloud Platforms

- **AWS** – For deployment and storage
- **Vercel** – For hosting frontends.

8. Databases

- **PostgreSQL or MySQL** – My go-to relational database.
- **MongoDB** – For document-based storage.