

TECHNICAL SKILLS

Programming Languages: Python, SQL, Rust, C++

AI/LLM Engineering: LangGraph, CrewAI, Agno (Phidata), LangChain, RAG, Hugging Face Transformers

ML & Data Science: Scikit-learn, XGBoost, TensorFlow, PyTorch, Pandas, NumPy

Cloud & Infrastructure: AWS (S3, EC2), Kubernetes, Docker, Git, CI/CD, MLOps

Backend & Databases: FastAPI, Flask, Vector database (ChromaDB, Pinecone), MySQL, SQLite

Concepts: Machine Learning, Deep Learning, Natural Language Processing (NLP), Generative AI, Feature Engineering, Statistical Analysis, A/B Testing

EXPERIENCE

Cilow AI AI Intern	United States (Remote) Sep 2025 - Nov 2025
<ul style="list-style-type: none">• Founding AI Engineer Intern at a venture-backed AI infrastructure startup focused on persistent memory and context engines for agents.• Contributed to product demonstration and technical narrative by developing materials to showcase core platform capabilities.• Gained experience within a production technology stack including Rust, Kubernetes, and custom vector/graph databases.	

Kortix AI (Suna)

Open Source Contributor

- Contributing to the **Suna agent framework's infrastructure**, focusing on **Python packaging** and build system stability.
- Refining **build configurations** and **dependency resolution** for reproducible developer environments.
- Integrating features through **GitHub Actions CI/CD**, following **version control** and **automated testing** standards.

PROJECTS

RepoBot AI [GitHub](#) | [Live Demo](#)

- **Engineered** a GenAI web app using **Flask** and **Groq AI** to analyze **500+ GitHub files**, improving code comprehension via a conversational agent.
- **Built** a semantic search system with **ChromaDB** and **Hugging Face embeddings**, enabling accurate retrieval across **400+ code chunks**.
- **Automated** an end-to-end **RAG pipeline** for repo ingestion and vector storage, boosting processing efficiency by **30%**.
- Enhanced query context by integrating a memory-augmented agent for dynamic, context-aware code explanations.

TripCrew [GitHub](#) | [Live Demo](#)

- **Engineered an autonomous Multi-Agent System** using **CrewAI** and Groq (**Llama 3.1**), reducing itinerary planning cycles by **95%** through automated real-time research.
- **Developed custom Python scraping tools** (**DuckDuckGo**, **BeautifulSoup**) that optimized **API token efficiency by 80%** via strategic context window management.
- **Implemented Sequential DAG architecture** for context-aware agent communication, ensuring **hallucination-free** data retrieval and accurate budget forecasting.
- **Deployed a responsive Streamlit UI** with threaded execution, resolving complex signal conflicts to maintain **100% application stability** during background processing.

End To End Food Delivery Time Prediction [GitHub](#) | [Live Demo](#)

- **Developed and deployed** an **XGBoost regression model** to predict food delivery ETAs, aimed at optimizing logistics and reducing average delivery time by **15%**.
- **Executed** comprehensive **data cleaning** and **feature engineering**; addressed **outliers**, **missing values**, and **multicollinearity** to improve dataset quality.
- **Evaluated** and tuned multiple algorithms (**Linear Regression**, **Decision Trees**, **Random Forest**); optimized **XGBoost** to achieve an **R-squared of 0.82** and **RMSE of 3.98** on test data.
- **Deployed** the final model as an interactive web application using **Streamlit**, allowing for real-time delivery time predictions.

EDUCATION

B.Tech, Computer Science & Eng. (Sandip University, Nashik) | CGPA: 8.3/10 | 2022-2025

Diploma, Computer Technology (MVPS's RSM Polytechnic) | Score: 82% | 2020-2022

CERTIFICATIONS

Data Analysis (Microsoft & LinkedIn), **Complete Machine Learning, NLP Bootcamp, MLOPS & Deployment** (Krish Naik)