

ANAND VISHWAKARMA

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Skills

- Python | Pandas | NumPy | Scikit-Learn | Matplotlib | Seaborn | TensorFlow | Keras | Data Wrangling | SciPy | Data Visualization | Jupyter
- Data Science | Machine Learning | Deep Learning | Data Analytics | Exploratory Data Analysis | Web Scraping | Statistics | Calculus
- Large Language Models | Generative AI | Natural Language Processing | Artificial Intelligence | Agentic AI | LangChain | Groq
- OpenAI | LlamaIndex | VectorDB | MySQL | MongoDB | LangChain | Groq | PyTorch | LangFlow | n8n | DeepEval | Confident AI
- ASR | TTS | Mlops | Data Versioning and Control | MLFlow | Dagshub | Docker | CI/CD Pipeline
- Flask | FastAPI | Streamlit | Git | GitHub | Power BI | Data Structures & Algorithm | English, Hindi – All professional proficiency or above

Experience

Inflera Technologies Pty Limited

[AI Engineering Intern](#)

[Certificate](#)

— July 2025 to September 2025

- Developed AI-powered multi-agent systems with LangGraph, including a FinOps Assistant, Schema-Agent, and BYOD Workflow for cost analysis, anomaly detection, and secure data ingestion.
- Engineered scalable APIs and Streamlit interfaces with token-based access, role management, SQL inspection, LangSmith integration, and feedback-driven debugging.
- Built agents for visualization and automation, including charts, breakdowns, and feature-flagged workflows.
- Specialized in prompt engineering and LLM evaluation, optimizing multi-agent outputs, NL2SQL conversions, and memory-driven context generation.

BCG GenAI Job Simulation

[GenAI Consulting Intern](#)

[Certificate](#)

— Mar 2025 to June 2025

- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team.
- Gained experience in Python programming, including the use of libraries such as pandas for data manipulation.
- Integrated and interpreted complex financial data from 10-K and 10-Q reports, employing rule-based logic to create a chatbot that provides user-friendly financial insights and analysis.

Projects

Multi-Agentic Financial Advisory System

[Multi Agent Ai & Gen Ai](#)

[GitHub](#)

— Python Flask LangGraph Groq (LLaMA-3.3) Streamlit

- Built a LangGraph-based multi-agent system that extracts user financial profiles, analyzes risk, and generates personalized investment strategies
- Integrated Groq's LLaMA-3.3 model for dynamic allocation across SIPs, FDs, gold, and emergency funds, based on goals, age, income, and debt
- Developed a Flask API backend with real-time financial simulations and fallback logic using external FD rate APIs

Real-Time Multilingual Meeting Assistant

[ASR, TTS & Gen AI](#)

[GitHub](#)

— Python Flask Groq-LLM Whisper gTTS Pydub Streamlit

- Built a full-stack AI meeting assistant pipeline that transcribes audio, summarizes content, translates summaries, and generates multilingual TTS output for seamless accessibility.
- Integrated Whisper for speech-to-text and Groq LLM for actionable, multilingual meeting summaries, with gTTS and Pydub for high-quality audio generation.
- Developed a robust Flask backend with session management, RESTful APIs, and automated file cleanup, ensuring scalable, modular, and efficient processing of large audio files.

AI-Powered Medical Insights Platform

[NLP, RAG GenAI & Semantic Search](#)

[Github](#)

— Python Streamlit FAISS HuggingFace Transformers Pandas Sentence Transformers LangChain Groq PDFMiner

- Developed a semantic search engine for clinical trial data using sentence embeddings and FAISS indexing
- Built an interactive Streamlit UI allowing users to filter studies by title, condition, sponsor, and outcomes
- Achieved real-time retrieval of top-10 relevant studies through vector similarity using MiniLM model

Achievements

- SMART INDIA HACKATHON FINALIST 2023
- GIET INNOVATION HACKATHON X 4.0 FINALIST 2025
- GEEKFORGEEKS HACKVYUVA 2025 FINALIST

Education

Bachelor of Technology

[O.P JINDAL UNIVERSITY](#)

Chhattisgarh, INDIA

- Major in Computer Science and Engineering - (9.38 CGPA)

07/2022 - Present