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 | Streamlit | Git | GitHub | Power BI | Data Structures & Algorithm | English, Hindi – *All professional proficiency or above*

Experience

Inflera Technologies Pty Limited   AI Engineering Intern

— July 2025 to Present

- Developed an AI-powered FinOps Assistant using LangGraph to orchestrate multi-agent workflows for cloud cost analysis, anomaly detection, and automated optimization.
- Engineered a Context Layer to make the app stateful, enabling richer conversations, memory-driven insights, and adaptive workflows.
- Built a Visualizer Agent to generate advanced combo charts and multi-dimensional cost breakdowns for improved decision-making.
- Specialized in prompt engineering and LLM evaluation, optimizing outputs across multiple models through advanced testing and refinement.
- Developed secure Streamlit interfaces with authentication, SQL inspection, LangSmith integration, and feedback-driven debugging workflows.

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*