

HIMANSHU MOHANTY

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TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, SQL
GenAI Frameworks & Libraries: Transformers, LangChain, LangGraph, CrewAI, Pydantic, Ollama
LLM APIs: OpenAI API, Gemini, Claude, Groq
UI & App Frameworks: FastAPI, React.js
Deployment Platforms: AWS, GCP, Hugging Face, Netlify
Databases: FAISS (VectorDB), MongoDB, MySQL
Version Control: Git, GitHub
DevTools & Automation: VSCode, Cursor
Methodologies: RAG, AI Agents, MCP, Prompt Engineering, Finetuning

EDUCATION

B.Tech, Computer Science Engineering Graduating 2025
Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha 8.72 CGPA
Relevant coursework: AI, Machine Learning, Data Structures, DBMS, Operating Systems, Cloud Engineering

EXPERIENCE

Accenture in India, Bhubaneswar, Odisha, India: ASE Intern Feb 2025 – Jun 2025

- Automated log monitoring with **Python/Bash scripts**, reducing manual effort by **80%** across **200+ automation scripts** for Fortune 500 client.
- Architected **Agentic AI framework in Databricks** processing **50% daily data faster** using **LangChain/LangGraph**.
- Engineered GCP data pipelines and multi-agent workflows improving DataOps efficiency by **60%**.
- Tech Used:** *Python, Bash, GCP, Databricks, Agentic AI, LangChain, LangGraph*

Samsung R&D Institute India, Remote: Research & Development Intern Jun 2024 – Nov 2024

- Developed **User Consent Manager** with transformer models achieving **89.64% validation accuracy**.
- Fine-tuned **LLAMA 3.2 and RoBERTa** models with **85.84% test accuracy** for legal clause classification.
- Launched Streamlit dashboard handling **1K+ daily document uploads** with real-time AI interpretability.
- Tech Used:** *Python, NLP, Transformers, LLAMA 3.2, RoBERTa, Streamlit*

PROJECTS

OdiaLingua: AI-Powered Odia Language Assistant Jun 2025
Advanced agentic AI platform for Odia conversations with real-time info & TTS

- Built a full-stack conversational AI system exclusively for Odia speakers, serving **5K+ users**.
- Implemented multi-agent orchestration with **LangGraph + Groq LPU**, enabling accurate task routing.
- Integrated **Sarvam AI Bulbul-v2 TTS** for high-quality Odia voice synthesis with authentic intonation.
- Deployed responsive React + FastAPI app with **Appwrite Cloud backend** and **Netlify hosting**.
- Tech Used:** *React, TypeScript, Tailwind, Framer Motion, FastAPI, LangGraph, Groq, Appwrite, Netlify*

Agentic Medallion Data Pipeline – AI-Powered ETL Apr 2025
Autonomous + HITL data pipelines with AI agents on Databricks

- Orchestrated autonomous and HITL pipelines using **LangChain, LangGraph, Claude 3.7**, reducing effort by **90%**.
- Engineered self-healing agent framework with **4-tier architecture** achieving **99.2% uptime**.
- Delivered Bronze → Silver → Gold medallion transitions with error handling and automated BI dashboards.
- Tech Used:** *LangChain, LangGraph, Claude 3.7, PySpark, Databricks, Delta Lake, LangSmith*

PUBLICATIONS

NeuroCogNet: Advanced Computational Intelligence for Neurological Diagnosis Oct 2024
Published in Springer DoSCI 2024, LNNS vol. 1086 — validated on 5K+ neural signal data points for stroke, Alzheimer's, and Parkinson's diagnosis with Grad-CAM & SHAP interpretability.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
Academy Accreditation – Generative AI Fundamentals (Databricks)
GitHub Foundations (GitHub)
Machine Learning Specialization (DeepLearning.AI, Coursera, Stanford)