HITESH MISHRA

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DATA SCIENTIST | AI & GENERATIVE AI SPECIALIST

Data Scientist with over 5 years of experience in media, retail, and consulting sectors. Skilled in building, deploying, and maintaining ML and Generative AI models using Python and modern frameworks like LangChain and OpenAI APIs. Proven success in driving business growth, automating workflows, and collaborating with cross-functional teams to deliver scalable AI solutions.

CORE COMPETENCIES

Python | R | SQL | Machine Learning | Deep Learning (ANN, CNN, RNN) | Model Deployment | MLOps | LLMs | Generative AI | LangChain | LangGraph | RAG | OpenAI APIs | NLP | Computer Vision | Tableau | Power BI | Streamlit | Flask | Django | Web Scraping | BigQuery | AWS | GCP | Azure (basic) | ETL | API Integrations

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PROFESSIONAL EXPERIENCE

Deputy Manager – Data Science | Saregama India Ltd., Mumbai | 2023 – Present

- Built and deployed ML and Generative AI models for metadata enrichment, recommendation systems, and personalization across OTT and retail platforms.
- Delivered predictive models for customer retention and acquisition, contributing to ₹24 Cr+ in revenue growth.
- Developed automation pipelines improving efficiency by 30 percent.
- Collaborated with engineering and business teams to productionize models using cloud platforms (AWS/GCP).
- Implemented LangChain-based RAG systems for content insights and tagging.

Consultant – AI & Education | Government of India – Bhutan DSP | 2023

- Represented India in Bhutan to co-develop and deploy a National AI Curriculum.
- Conducted AI training programs for educators and policymakers to improve AI literacy and adoption.

Data Scientist / Consultant | Mumbai | 2021 – 2023

- Designed and deployed LLM-based solutions for text classification, summarization, and chat automation.
- Created NLP workflows leveraging OpenAI APIs and LangChain to reduce manual work by 40 percent.
- Built analytics dashboards in Tableau and Power BI to enhance business insights and decision-making.

Data Analyst | Mumbai | 2019 – 2021

- Managed SQL databases and ETL pipelines to support business analytics.
- Created dashboards and reports enabling faster and more accurate decisions.
- Developed internal web tools using Flask and Django for process automation.

EDUCATION

PG Diploma in Data Science and Machine Learning – Imarticus Learning, Mumbai, 2022
Bachelor of Engineering – Mumbai University, 2019

KEY ACHIEVEMENTS

- Achieved ₹24 Cr revenue impact through AI-driven customer insights.
- Delivered 30 percent operational efficiency improvement via automation.
- Represented India internationally for AI curriculum design with the Bhutan Government.
- Conducted over 40 AI/ML training sessions at IIT Bombay, BSE, and corporate organizations.

TECHNICAL SKILLS

Languages: Python, R, SQL
Libraries/Frameworks: Scikit-learn, TensorFlow, PyTorch, LangChain, LangGraph, Flask, Django
Visualization: Tableau, Power BI, Streamlit
Cloud: AWS, GCP, BigQuery, Azure (basic)
Tools: Git, APIs, Docker (basic), ETL