HITESH MISHRA

Data Scientist | AI & Generative AI Specialist

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PROFESSIONAL SUMMARY

Data Scientist with 5+ years of experience specializing in **Generative AI, ML, Automation.** Proven track record in building scalable business solutions that drive **₹24Cr+ revenue growth** and **30% operational efficiency**.

TECHNICAL SKILLS AI/ML Specialization

Generative AI • LLMs • RAG Systems • OpenAI APIs • Fine-tuning • Prompt Engineering

Machine Learning

Supervised/Unsupervised Learning • Deep Learning• NLP • Computer Vision • Time Series

Programming

Python • R • SQL • PySpark

Frameworks & Libraries

TensorFlow • PyTorch • Scikit-learn • Hugging Face • Transformers • LangChain • OpenAI

MLOps & Deployment

Docker • FastAPI • Streamlit • Flask • Django

Cloud & Big Data

AWS • GCP • Azure • BigQuery

Visualization & Tools Tableau •
Power BI

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

- Built and deployed systems for automated metadata enrichment, reducing manual tagging by 70%
- Developed multi-agent AI systems using for content recommendation across OTT platforms .
- Delivered models contributing to **₹24Cr+ revenue growth** through improved customer retention

AI Consultant – International Project | Government of India – Bhutan DSP | *2023*

- Led development of **Bhutan's National AI Curriculum**, impacting 500+ educational institutions
- Conducted workshops on **AI applications and ethical AI** for policymakers
- Created modular AI learning frameworks integrating **Generative AI projects**

- Represented India in bilateral AI education partnerships

Data Scientist / AI Consultant | Freelance & Contract Roles | *2021 – 2023*

- Built **custom solutions** for text classification and chatbot automation.
- Developed workflows reducing manual processing by 40%
- Created **streaming data pipelines** processing 10GB+ daily data
- Built **Streamlit and FastAPI applications** integrating ML models **Data Analyst | Various Organizations | *2019 – 2021***

- Managed **ETL pipelines**.
- Developed **Tableau dashboards**.
- Created automation scripts reducing reporting time by 85%
- Optimized SQL queries improving performance by 60%

PROJECT HIGHLIGHTS StreamPulse – Multi-Platform Analytics Engine

- Deployed cloud-native application on **Google Cloud Run** with CI/CD
- Real-time data extraction from **Spotify & YouTube APIs**
- **Selenium automation** for web scraping and analytics
- Docker containerization with auto-scaling

Generative AI Content Platform | Saregama

- **RAG System** for music metadata using LangChain
- **Multi-Model Architecture** with GPT-4 and custom models
- Reduced API costs by 45% through intelligent routing

EDUCATION & CERTIFICATIONS PG Diploma in Data Science and Machine Learning | Imarticus Learning, Mumbai | *2022* **Bachelor of Engineering** | Mumbai University | *2019