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## 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**.

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## 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

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## 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%
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### **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
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### **EDUCATION & CERTIFICATIONS**

**PG Diploma in Data Science and Machine Learning** | Imarticus Learning, Mumbai | \*2022\*

**Bachelor of Engineering** | Mumbai University | \*2019