

Kartik Bingi

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SUMMARY

Data Scientist specializing in engineering production-grade predictive pipelines and scalable backend services. Proven track record in optimizing models for imbalanced data, automating workflows, and driving significant efficiency gains in enterprise data throughput.

EDUCATION

MIT ADT University | MCA in Data Science | **CGPA: 7.3/10** | Jul 2023 – May 2025

Vidyalankar School of Information Technology | B.Sc. in IT | **CGPA: 7.5/10** | Aug 2020 – May 2023

TECHNICAL SKILLS

Languages & Cloud: Python, SQL (MySQL), AWS (EC2, S3), Git.

Machine Learning: XGBoost, Ensemble Methods, Scikit-learn, Hyperparameter Tuning.

Data Intelligence: NLP (NLTK), Automated ETL, Statistical Hypothesis Testing, Feature Engineering

Deployment & Analytics: Streamlit, Tableau, Matplotlib, Seaborn.

EXPERIENCE

Labmentix | Data Science Intern | Feb 2026 – Present

- Architected automated data processing scripts using containerization, increasing pipeline throughput by 35% for large-scale datasets.
- Developed a scalable RESTful API to serve model predictions, reducing inference latency for intelligent integrations by 20%.
- Established deployment automation principles, ensuring 99.9% data integrity across high-volume production streams.

Digital Blinc | AI & ML Trainee ([Link](#)) Sep 2025 – Nov 2025

- Engineered an intelligent chatbot that decreased manual support tickets by 40% through optimized language processing logic.
- Conducted rigorous performance testing on model iterations, achieving a 95% deployment reliability rate for real-time user interactions.

TECHNICAL PROJECTS

Credit Card Fraud Detection System ([Link](#))

- **Economic Impact:** Mitigated potential losses of \$15,500 by identifying high-risk transactions with a 90% Recall rate.
- **Methodology:** Resolved severe class imbalance using sampling algorithms and robust scaling within a specialized ML pipeline.

AI Travel Assistant (Local GenAI Agent) ([Link](#))

- **Developed a Local GenAI Agent:** Built an offline travel planning application using LangChain, Streamlit, and a local Ollama model (qwen2.5:3b) that entirely eliminates cloud API token costs.
- **Engineered Multi-Tool Orchestration:** Integrated live weather REST APIs with local JSON databases using Pydantic validation to prevent hallucinations and generate structured itineraries in under 19 seconds.

CERTIFICATIONS

AWS Certified Cloud Practitioner – ([Link](#))

Microsoft Data Analyst Associate (DA-100) – ([Link](#))

Data Science and Management with MySQL – ([Link](#))

SimpliLearn Course – ([Link](#))

EXTRACURRICULARS

Cricket, Strength Training, Meditation, and Movies.

BUSINESS and DOMAIN KNOWLEDGE

Banking, Credit card business, Risk Management, Credit score, Credit Bureau - CIBIL, TransUnion, Experian, Customer Experience