

HARI OM

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Technical Skills

Programming & Libraries: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Machine Learning & Analytics: Regression, Classification, Clustering, Feature Engineering, Model Evaluation

Databases & Querying: SQL, MySQL, SQLite

Visualization & BI Tools: Power BI, Tableau, Excel

Tools & Platforms: Jupyter Notebook, VS Code, Git, Google Colab

Experience

AI ML Developer Intern — Gravit InfoSystems Pvt. Ltd.

Dec 2025 – Present

On-site Internship

Gwalior, Madhya Pradesh

- Developed and optimized an **AI-powered chatbot** using NLP techniques, handling **100+ user queries** with improved intent accuracy.
- Executed data preprocessing and feature engineering pipelines, improving chatbot response accuracy by **15–20%**.

Data Annotation Intern — Harmony Data Integration Technologies

Nov 2025 – Dec 2025

On-site Internship

Mohali, Punjab

- Annotated **1,000+ sports computer vision samples** covering players, rackets, courts, nets, and ball positions for model training.
- Maintained **98%+ labeling consistency**, directly supporting supervised object detection model performance.

Projects

OLA Ride Data Analysis ([Dashboard Link](#))

- Analyzed **100K+ ride records** and built **5+ Power BI dashboards** to track ride volume, revenue, and cancellations.
- Identified peak hours and vehicle-wise revenue trends, improving reporting efficiency by **20%** and operational planning by **15%**.

Movie Recommender System – Content-Based Filtering (TMDB Dataset) ([Project Demo](#))

- Developed a content-based recommender using **cosine similarity** on metadata from **5,000+ movies**, generating top-N recommendations.
- Deployed a **Streamlit web app** with Pickle-based optimization, achieving **sub-2 second** recommendation response time.

Big Data Processing & Analysis – Vaex ([GitHub](#))

- Processed a **30M-row dataset** using Vaex and memory-efficient techniques, reducing runtime by **35%**.
- Implemented incremental ML with **SGDRegressor** and evaluated models using **R²** and **MAE**.

Deep Learning Celebrity Matcher ([Project Demo](#))

- Built a face recognition pipeline using **MTCNN + ResNet50 (VGGFace)**, achieving **95% accuracy** on a dataset of **200+ images**.
- Optimized inference using pre-computed embeddings, reducing per-query computation by **90%**.

Achievements

- Completed **Data Science Internship** (Cognifyz Technologies).
- Certified in **Machine Learning Fundamentals** (Alteryx) and **Data Science Master Internship** (AICTE–EduSkills).
- Earned **Python Certification** (IIT Bombay Spoken Tutorial) and **Infosys OOP Certification**.
- Recognized for excellence in applied data analysis during **Prodigy InfoTech Internship**.
- Awarded **Google Analytics Certification** for data-driven marketing analysis.

Education

Institute of Technology & Management, Gwalior

Oct 2022 – Present

B.Tech. in Computer Science & Engineering (Data Science)

Gwalior, Madhya Pradesh

Marwari College, Bhagalpur

Jun 2020 – May 2022

Intermediate in Science

Bhagalpur, Bihar