RITIK GHOGHARI

Berlin, Germany | +49 155 660 92149 | ritikghoghari.ds@gmail.com
linkedin.com/in/ritik-ghoghari | github.com/Ritikghoghari

Professional Summary: Analytical Master's student in Data Science & Digital Business with a strong background in **Process Optimization** and **Machine Learning**. Passionate about solving complex business challenges through **Predictive Analytics** and AI-driven insights. Eager to join Horváth to apply technical expertise in **Optimization Analytics** while contributing to the team with a hands-on, solution-oriented mindset.

EDUCATION

Gisma University of Applied Sciences Potsdam, Germany
M.Sc. Data Science, AI & Digital Business Oct 2024 – Present
- **Focus:** Business Intelligence, Digital Business Processes, Data Quality Management.
- **Relevance:** Application of analytical methods to solve business strategy problems.

Veer Narmad South Gujarat University Surat, India
Bachelor of Computer Applications Jun 2019 – Aug 2022
- **Focus:** Database Management (SQL), Structured Programming, Web Technologies.

TECHNICAL SKILLS

- **AI & Machine Learning:** Predictive Analytics, GenAI (GPT-4o), LightGBM, NLP, Reasoning Engines.
- **Data & Optimization:** Python (Pandas, NumPy), SQL, Process Optimization, Data Cleaning.
- **Tools & Visualization:** Power BI (Dashboards), Microsoft Excel (Advanced), Streamlit, Git.
- **Languages:** English (C1 - Fluent), German (A2 - Basic).

KEY PROJECTS

AI-Powered Fraud Detection & Reasoning Engine *Python, LightGBM, GPT-4o, Streamlit*
Independent Project (GitHub Portfolio) Jan 2026
- **Business Challenge:** Mitigating the risk of fraudulent job postings and "tampered" listings that bypass traditional filters.
- **Solution Architecture:** Engineered a hybrid detection system combining **LightGBM** for high-speed probabilistic classification and **OpenAI GPT-4o** for contextual reasoning.
- **Reasoning & Verification:** Implemented a "Reasoning Engine" that explains *why* a listing is suspicious (e.g., logical inconsistencies) and verifies company existence via real-time web search (RAG).
- **Impact:** Deployed a user-facing dashboard via **Streamlit**, providing an explainability layer that supports data-driven decision-making.

Quality Control Automation & Optimization *Python, Image Processing*
Academic Project
- Developed a defect classification system to automate quality control processes in manufacturing.
- **Optimization:** Achieved 71% accuracy, demonstrating the ability to reduce manual inspection time and improve logistics quality assurance.

PROFESSIONAL EXPERIENCE

Accenture North America Remote
Intern - Data Analytics & Process Optimization Oct 2024 – Nov 2024
- **Process Optimization:** Analyzed large datasets to validate digital marketing strategies, improving data reliability by **25%**.
- **KPI Monitoring:** Designed interactive dashboards using **Power BI** to track Key Performance Indicators, reducing manual reporting time by **30%**.
- **Automation:** Developed workflows to automate repetitive data cleaning tasks, cutting processing time from 2 hours to 40 minutes.
- **Collaboration:** Translated technical data findings into actionable business insights for cross-functional teams.

LEADERSHIP & INTERESTS

- **Soft Skills:** Structured working style, Analytical thinking, Project Organization.

- **Interests:** Logistics trends, Strategic Gaming, Team Sports (demonstrating team spirit).