

RISHI GARG

📞 +91-8979626292 📩 rishigarg.posts@gmail.com 💬 rishig-ddn 🌐 rishi-garg-3108.github.io

Summary

I am a **Data Scientist** with 2+ years of experience applying AI-driven solutions to real-world business problems. I hold an **M.S. in Computer Science** with a specialization in **AI** from the **University of Paderborn, Germany**, and a **B.Tech in Computer Engineering**. Expertise in Deep Learning, NLP, Transformers, Gen AI, etc.

Professional Experience

Fraunhofer IEM <i>Data Scientist (RA)</i>	Oct'23 - Oct'25 <i>Paderborn, Germany</i>
<ul style="list-style-type: none">Developed real-world GenAI solutions for industrial and educational use cases.Built MVP for AI-powered handwriting recognition and automated grading tool using GPT-4o + OpenCV; accepted for pilot testing with German educators.Created synthetic datasets using local LLMs and fine-tuned BERT for an enterprise AI assistant for WAGO.Contributed to development of pilot project evaluating agentic AI frameworks Autogen for multi-agent problem-solving.	
MJ Classes <i>Data Scientist</i>	Jan'20 - Sept'20 <i>Dehradun, India</i>

Skills

Data Science	Regression, Clustering, Ensembles, ANN, RNN, Transformers, LLMs
Language/Libraries	Python, Javascript, Flask, Streamlit, PyTorch, TensorFlow, Hugging Face, NumPy, Pandas
Data & MLOps	EDA, Data Preprocessing, Model Optimization, MLFlow, Git, Docker
Systems & Tools	Linux, Slurm, Bash

Education

University of Paderborn <i>MS - Computer Science (AI), Grade: Good (2.1/1.0)</i>	2025 <i>Paderborn, Germany</i>
DIT University <i>BTech - Computer Science and Engineering, Grade: Good (8.0/10)</i>	2017 <i>Dehradun, India</i>

Professional Experience

Detection of AI-generated Text with Lightweight, Explainable Models <i>Topics: Hyperparameter Optimization, BERT, Transformers, Explainability, NLP</i>	2025
<ul style="list-style-type: none">Did Fine-tuning of BERT and Transformer-based Siamese Neural Network models to classify AI-generated vs. human-written tweets.Used hyperparameter optimization and model explainability techniques.	
WAGO — Industry-Scale AI Chatbot Development <i>Topics: BERT, Transformers, NLP, Deep Learning</i>	2025

Certifications

- Advanced Learning Algorithms** — Stanford Online
- Unsupervised Learning, Recommenders, Reinforcement Learning** — DeepLearning.AI