Vishal Kumar

Data Scientist

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I'm detail-oriented ML professional with a German Work Permit (valid until 15.05.2026). Develop and test ML algorithms for AI solutions, analyze data, create predictive models, and optimize business processes. Build interactive dashboards, participate in AI brainstorming, and stay updated on Data Science trends.

Work experience

FREELANCE DATA SCIENTIST & AI PROJECTS
- Provided end-to-end AI solutions for startups and SMEs, optimizing data workflows and predictive models.
- Developed custom machine learning models for financial forecasting, fraud detection, and customer segmentation.
- Built and deployed cloud-based AI solutions using AWS, improving model performance by 30%.
- Designed interactive dashboards in Power BI to enhance business intelligence capabilities.
- Assisted companies in data strategy development, ensuring seamless data integration and analytics adoption.

Some Projects

2024-08 - 2024-10

ESTIMATING DELIVERY DATE MODELS

Gisma University of Applied Science, Berlin, Germany

- Improved model accuracy from **80% to above 90%** for predicting delivery date ranges by applying advanced regression techniques like **Linear Regression (L1, L2), Random Forest Regressor, Gradient Boosting**.
- Collaboratively worked with cross-functional teams for end-to-end deployment, ensuring seamless integration within the system.

2024-03 - 2024-06

Human-Computer Interaction Using Neural Signals

Gisma University of Applied Science, Berlin, Germany

- Developed a **real-time EEG-based gesture recognition system**, achieving **80% accuracy** in classifying user-intended movements.
- Integrated **Python & AI models** for real-time neurofeedback applications, reducing system response time by **25%**.

Skills

Skill	Level
Python	■■■■□
Machine Learning	■■■□□
Statistics	■■■■□
Mathematics	■■■■□
Power BI	■■■□□
AWS	■■■□□
NLP	■■■□□
SQL	■■■□□
Git	■■■■□
MS Office	■■■■□

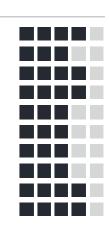## Education

2022-10 - 2024-11

Master of Science: Data Science, AI And Digital Business

Gisma University of Applied Science - Potsdam, Germany

Grade: 78%

2013-06 - 2024-11

Bachelor of Science: Physics, Chemistry, Mathematics

Gurukula Kangri Vishwavidyalaya - Haridwar, India

Grade: 82.6%

Languages

English

■■■■■□
Advanced (C1)

German

■■■□□□
Intermediate (B1)

Interests

Reading
Fitness
Cooking