

RIFAT ANWAR

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PROFESSIONAL SUMMARY

With over 3 years of experience in data-driven software development, automation, and analytics, I am a Python developer and data science enthusiast. Competent in using Python, FastAPI, Streamlit, and Power BI to create interactive dashboards, predictive models, and data pipelines. Aimed to use AI and machine learning to solve practical business issues and convert intricate data into useful insights.

TECHNICAL SKILLS:

Programming: Python, SQL, JavaScript, Bash, XML, Qweb

Frameworks: FastAPI, Streamlit, Odoo, Django

Data Science: Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, PyTorch, TensorFlow

Data Analytics: Power BI, Excel, Data Cleaning, Visualization, EDA, Feature Engineering

Database: PostgreSQL, MySQL

Tools: Git, Google Colab, Linux, Figma

Core Strengths: Analytical problem-solving, Data Storytelling, Technical communication

KEY PROJECTS:

- **Movie Recommendation System** with FastAPI and Streamlit (Hybrid approach for low-end devices)
- ML-based Unemployment Prediction: Built a predictive model analyzing employment data using statistical and ML techniques.
- **Image Processing Tool (Streamlit):** Created a background removal & manipulation app with alpha matting.
- Automated SQL Backup System: Designed a Bash-based database backup and restore pipeline.
- Open Source: Published two Python libraries—**function-comment** & **num2words-BD-INR**—on PyPI.

PROFESSIONAL EXPERIENCE:

Metamorphosis Ltd. | Senior Python (Odoo) Developer (June 2022–Aug 2025)

- Architected and deployed custom ERP modules, improving business workflow efficiency by 40%.
- Automated multi-stage approval processes and inventory tracking with Python and PostgreSQL.
- Collaborated cross-functionally to deliver AI-ready data pipelines and analytics dashboards.

Itqan Analytics & Software Ltd. | Junior Developer (Dec 2021–Apr 2022)

- Supported data-centric software solutions and contributed to backend optimization.
- Implemented new data models and improved code maintainability using Python and Git with CI/CD.

Itinerary Holidays | Data Analyst & Travel Coordinator (Mar 2021–Nov 2021)

- Processed and analyzed operational datasets to improve decision-making efficiency & increased revenue by up to 30%.

EDUCATIONAL QUALIFICATION:

M.Sc. in Artificial Intelligence Technology

Northumbria University (London)—Expected 2026

B.Sc. in Computer Science & Engineering

Daffodil International University—Mar 2021

CGPA: 3.53 / 4.00

AREAS OF INTEREST:

Data Science | Data Engineering | Machine Learning | AI Applications | Predictive Analytics | Digital Transformation | ERP Development | Data Analysis