

ANMOL RATHORE

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SUMMARY

Python Developer with hands-on experience in backend development, automation, and data-driven applications. Skilled in Python, SQL, Fast API, and Machine Learning with strong capabilities in data analysis, model building, and real-world deployment. Adept at developing automation scripts, optimizing workflows, and building scalable solutions that enhance system efficiency. Committed to writing clean, maintainable code and leveraging modern tools such as Scikit-learn, Power BI, and Elastic Search to deliver reliable, impactful results.

WORK EXPERIENCE

Python Developer - Tectum Technologies Pvt Ltd, Indore

03/2025 – Present

- Automated backend tasks using custom Python scripts, reducing manual support workload.
- Built automated watermark-removal tools using image processing to streamline document handling.
- Developed real-time monitoring dashboards in **Kibana (Elastic Stack)** for tracking server and application health.
- Created lightweight Python utilities and internal tools that improved debugging efficiency and workflow speed.
- Collaborated with cross-functional teams to troubleshoot issues, resolve bugs, and deploy fixes quickly.
- Wrote clean, modular, and well-documented Python code following Git-based version control best practices.

Commissioning Researcher - Kylient Software Solutions Pvt Ltd, Indore

09/2024 – 11/2024

- Conducted in-depth research and data analysis to generate actionable business insights.
- Utilized advanced Excel features such as VLOOKUP, Pivot Tables, and Charts for data processing and reporting.
- Developed detailed analytical reports and dashboards to support strategic decision-making.
- Performed data cleaning, transformation, and visualization to maintain accuracy and improve data quality.

Data Science Trainee, Grow Tech (DRF), Indore

05/2024 – 08/2024

- Received hands-on training in Data Analysis, Machine Learning, and Statistical Modeling through real-world projects.
- Developed and deployed predictive models using algorithms such as Linear Regression, Decision Trees, and K-Nearest Neighbors (KNN).
- Gained practical experience with Python, SQL, Power BI, and Excel for data handling, visualization, and reporting.
- Conducted Exploratory Data Analysis (EDA) to identify trends, patterns, and meaningful insights from structured datasets.

SKILLS

Programming: Python, SQL, Django, FastAPI

Machine Learning: Scikit-learn, Transformers, NLP, Logistic Regression, Random Forest

Data Analysis: Pandas, NumPy, EDA, Predictive Modeling

Visualization: Power BI, Kibana (Elastic Stack), Excel, Matplotlib, Seaborn

Tools & Platforms: Git, GitHub, VS Code, PyCharm, Jupyter Notebook

PROJECTS

Audio Transcription & Translation with Whisper (*Python, Whisper, FFmpeg*)

- Built an audio transcription tool using OpenAI Whisper.
- Automated multilingual transcription and translation to English.
- Integrated FFmpeg for audio conversion and optimized CPU/GPU processing.

Fake News Detection System (*Python, NLP, Scikit-learn*)

- Developed ML pipeline to detect fake news using Logistic Regression & Random Forest.
- Achieved high accuracy with TF-IDF vectorization and text preprocessing.

Supermarket Sales Dashboard (*Power BI*)

- Created interactive dashboards to analyze sales, profit margin, and product performance.
- Applied DAX measures and filters for advanced insights.

EDUCATION

Bachelor of Technology in Information Technology

2020 – 2024

Chameli Devi Group Of Institution (RGPV), Indore

CERTIFICATIONS & AWARDS

- **Python Programming** - Chameli Devi Group of Institutions.(2023)
- **Best Googler** - 2nd Place, Citronics2K23 (CDGI)