

Rishabh Acharya

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Objective

Aspiring Data Scientist & Python Developer with expertise in AI/ML solutions, committed to leveraging Generative AI and data-driven insights for impactful business outcomes.

Education

Malwa Institute of Technology (RGPV, Bhopal)
Bachelor of Technology, Computer Science and Engineering

Indore, MP
2020 - 2024

Technical Skills

Languages and Tools : Python, SQL, Excel, Git, GitHub, Power BI.
Libraries & Frameworks : NumPy, Pandas, Matplotlib, Seaborn, SK-Learn, TensorFlow, Generative AI, LLMs, Beautiful Soup, Selenium.
Web Development : Flask, Django, AWS, MLflow, MySQL.

Experience and Projects

Data Analyst [Intern]- Etechwebster (Sep-Nov 2024)

- Analysed **user engagement** and website traffic data to provide insights for **UI/UX improvements**, leading to a **15%** increase in **user retention**.
- Used **Excel, SQL, and Python** to process and visualize key performance metrics for client websites.
- Collaborated with the design and marketing teams to **track campaign performance** and optimize graphic content for better engagement.

Fake Instagram Followers Detection Using Machine Learning: (Feb-April 2024)

- Developed an **AI-driven** fraud detection system using Random Forest, achieving 93% accuracy in identifying fake Instagram followers.
- Automated large-scale **data scraping** with Selenium & Beautiful Soup, analysing thousands of Instagram profiles.
- Built a real-time **fraud detection** web app using Flask, enabling businesses to verify influencer authenticity instantly.
- Saved marketing **costs** by preventing fraudulent influencer partnerships and enhancing ROI.

LLM-Based HR Policy Q&A System (Jan 2025)

- Developed an enterprise-grade **AI assistant** using **GPT-Neo, fine-tuned** on company HR policies, reducing **HR workload by 60%**.
- Built an NLP-powered query engine that processes complex HR queries, delivering real-time responses to employees via a Flask-based web app.
- Transformed HR query resolution speed by implementing optimized document embeddings, enabling instant retrieval of relevant policies.
- Eliminated redundant queries by creating a scalable, AI-driven solution that increases productivity across organizations.

Spotify Quiz App: (Sept 2024)

- Pioneered a music quiz platform that dynamically interacts with Spotify playlists, offering personalized real-time challenges.
- Integrated Spotify API for dynamic music playback and real-time scoring, making the app a first-of-its-kind interactive music experience.

Certifications:

[Data Science Bootcamp Udemy](#) | [AWS Cloud Computing](#) | [Data Analysis with Excel](#) | [Power BI](#)
[Data Analysis Virtual Job by Accenture](#) | [SQL Basic HackerRank](#) | [Career Skills TCS](#) | [Soft Skills NPTEL](#)