Aryan Tiwari

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Career Objective

Passionate and curious AI enthusiast aiming to become a Machine Learning Engineer. Skilled in Python, APIs, and data libraries, with experience in automation and open-source contributions. Excited to build real-world AI applications that create impact.

Freelance Experience

1.Instagram Reel Automation Tool (Ongoing Project)

Client: Instagram Content Creator (150k+ followers)

- Built an **end-to-end automation system** for Instagram Reels, from AI-generated titles & captions (Perplexity API) to final publishing.
- Automated media generation with **Leonardo API** and video rendering using MoviePy.
- Integrated with **Cloudinary & Instagram Graph API** for hosting and auto-publishing.
- Added a **Tkinter-based GUI dashboard** for scheduling, loops, and logs

2.YouTube Bulk Uploader

Client: Plan The Unplanned | Completed

- Developed a Python automation script using **YouTube Data API** to upload videos in bulk.
- Accepted metadata (title, description, tags, visibility, schedule interval) via CSV.
- Automated upload of **50+ videos**, reducing manual effort to just a few clicks.

3.Autofill Visitor Details

Client: Plan The Unplanned, Bengaluru Mountaineering Club, Rahasyadaari | Completed

- Created a Python + Selenium automation tool that logged in, navigated, and auto-filled visitor details.
- Reduced manual entry from 5+ mins → 1 min

Skills

- **Programming & Tools:** Python, APIs, Selenium, Git/GitHub

- **Libraries & Frameworks:** NumPy, Pandas, Matplotlib, MoviePy, LangChain, Tkinter

- **APIs & Integrations:** YouTube Data API, Instagram Graph API, Leonardo API, Cloudinary API and more…

- **Soft Skills:** Problem Solving, Communication, Collaboration, Client Handling

Open-Source Contributions

- [Python-Scripts PR #467](#) (fixes)
- [Devr.AI PR #130](#) (AI Feature adding)
- [PictoPy commit](#) (document enhancements)

Education

- Spring Hills School, Dehradun – Class XII, 2024
- St. Agnes School, Kharagpur – Class X, 2022
- Undergraduate Studies (starting 2025)

Interests

- AI
- Machine Learning
- Automation
- Open Source