Piyush Choudhari

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Technical Skills:

- **Languages:** Python, SQL, Go
- **API Development:** FastAPI, Django Rest Framework, Postman, Insomnia
- **Data Analytics:** Excel, PowerBI, Tableau
- **Databases:** Sqlite3, Postgresql
- **CI/CD:** GitHub Actions, Docker, Render, Vercel
- **Version Control:** Git, GitHub

Projects:

RecycleNet18 - [GitHub](#)   *Feb 2024 - Mar 2024*

- Developed a model to classify images of recyclable items into 30 different categories. Used a pretrained CNN and trained a custom prediction head consisting of 3 layers.
- Images data was obtained from 2 sources, 70% from kaggle and 20% by web scraping.
- Obtained 90% training accuracy and 82% testing accuracy.
- Also integrated a chatbot to guide the user on exactly how to recycle the classified item in a sustainable way.

Tech Stack: Python, PyTorch, Langchain, Ollama, Streamlit

Pokedex API - [GitHub](#)   *Jul 2024 - Aug 2024*

- A RESTful API developed to fetch data regarding Pokemons.
- Data was web scrapped from www.pokemondb.net and data about 1015 pokemons was scrapped and stored into csv files.
- The data in the csv files was cleaned and transformed. Then it was imported into the Sqlite3 database for persistence.
- The above pipeline was automated and tested.
- FastAPI was used to create a server and manage routes. The routes enable the clients to query the data by name, species, size, type, abilities and base combat stats.
- GitHub actions workflows were set up to automate linting using Pylint and building the app inside a container to ensure it is working.

Tech Stack: Python, SQL, FastAPI, Github Actions and Postman

Volunteering Experience:

- **Intel AI Students Club:** AIML Team lead. Conducted and managed a 2-day GenAI workshop, connected an industry expert to students and helped them gain up to date knowledge regarding the current state of AI in the IT industry. Received 107 unique feedback responses, 93% responded with "Highly Satisfied".
- **IntellexAI Students Association:** Design Coordinator. Designed multiple posts, posters and PR content driving engagement to the clubs' social profiles. Received cumulative 600+ likes and 5000+ impressions on Instagram.

Certifications:

- **IBM Data Science:** [Link](#)
- **Complete ML, NLP and MLOPs and deployment bootcamp:** [Link](#)
- **Python for Data Science, AI & Development:** [Link](#)

Education:

1. **D.Y.Patil College Of Engineering, Akurdi:** B.E Artificial Intelligence And Data Science   *Nov-2022*
   - 8.3/10 **CGPA**