RICKY CHOUDHARY

Kolkata, West Bengal |9477874954 | rickychaudhary391@gmail.com

LinkedIn | GitHub | LeetCode

Full-Stack Developer (Python & React) | Data Science Enthusiast:

Comfortable building FastAPI backends and React frontends, Proficient in JavaScript, REST APIs, database integration, and applying data science/ML techniques to build intelligent, data-driven applications.

Education

B. Tech. – CSE
Techno International Newtown ‖ 2026 ‖ CGPA - 7.05

12th – Science
St. Anthony School (ISC)‖ 2022 ‖ 77%

10th – General
St. Anthony School (ISC)‖ 2020 ‖ 87%

SKILLS

- **Programming:** Java, Python,JavaScript   **Web Development:**HTML,CSS, FastAPI, Git, REST API, React

- **Databases:** POSTGRESQL   **CS Fundamentals:** OOPs, OS, CN, DBMS, DSA

- **LIBRARIES**: Numpy, Pandas, Scikit Learn
            Matplotlib, Seaborn, SQLALCHEMY

- **DATA SCIENCE:** EDA, Feature Engineering, Regression, Classification, Clustering, PCA, Decision Trees, Unsupervised Learning

Projects

Pokémon Info & Recommendation Web App ‖ GitHub
- Built a full-stack web application where users can search for Pokémon, view detailed information, compare stats between Pokémon, add favorites, and get personalized recommendations on which Pokémon to explore next.
- Developed a React frontend with interactive UI and a FastAPI backend serving Pokémon data with real-time filtering and comparison. Implemented local storage for favorites and caching for faster data retrieval.
- Tech Stack: Python (FastAPI), React, HTML, CSS, REST APIs, SQLALCHEMY

WhatsApp Chat Analysis Web App ‖ GitHub
- Developed a web app to analyze WhatsApp chat exports, generating insights on chat statistics, top contacts, emoji usage, word clouds, and activity trends.
- Built a Streamlit frontend to visualize results with interactive charts and dashboards.
- Tech Stack: Python (Pandas, Numpy, Matplotlib/Plotly), Streamlit, Data Preprocessing, Feature engineering

CRUD TO_DO LIST Web App with FastAPI ‖ GitHub
- Developed a **FastAPI backend** implementing **full CRUD operations** (Create, Read, Update, Delete) with database integration and proper validation.
- Built RESTful APIs for managing resources efficiently, including **authentication, filtering, and data persistence**.
- **Tech Stack:** Python (FastAPI, SQLAlchemy/SQLModel), PostgreSQL/SQLite, Pydantic, REST APIs, REACT

OTHER:
- HOUSE PREDICTION MODEL
- SPAM HAM CLASSIFICATION

Achievements

- **Hackathon Finalist 2024:** Led a team to the finals in Inter College Smart India Hackathon, demonstrating strong leadership, teamwork, and innovative problem-solving skills