KATYAYNI RAJPUT

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PROFILE SUMMARY

"Enthusiastic B.Tech student specializing in Artificial Intelligence and Data Science. Proficient in C++, Data Structures and Algorithms, with a strong passion for problem-solving and software engineering with hands-on project experience. Eager to leverage my technical skills, analytical mindset, and innovative thinking to contribute effectively to software development and technological advancements."

PROJECT EXPERIENCE

Heart Disease Prediction Model | Python, Streamlit, scikit-learn, Pandas, Numpy, Matplotlib
Role: Web Developer

- Built a machine learning-based web app using Python, Streamlit, and scikit-learn to predict heart disease risk from clinical inputs.
- Designed an intuitive UI for real-time predictions and integrated trained models (Logistic Regression, Decision Tree, Random Forest).
- Performed EDA, data preprocessing, and model evaluation on a public dataset.
- Enabled dynamic user input handling and locally deployed the solution with a modular codebase.

Banking System | C++, STL,OOP,File Handling, Exception Handling

- Developed a console-based banking system with account creation, deposit, withdrawal, and balance inquiry features.
- Implemented file handling for persistent account data storage.
- Used exception handling to manage errors like insufficient funds.
- Applied operator overloading for efficient input and output operations.
- Utilized STL map for efficient account management.
- Maintained unique account numbers using static variables.

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science   **2022-2026**

Lakshmi Narain College of Technology, Bhopal
CGPA- 8.21

SKILLS

Programming Languages: C++, Python, PL/SQL
Web Development: HTML, CSS, JavaScript
Computer Fundamentals: DBMS,Operating System,Data Structures

CERTIFICATES

- Completed C++ basic to advance from Udemy
- Database management fundamentals by Infosys springboard