

AYUSHI KUMARI



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KEY PROJECTS

Stock Price Predictor

- Developed predictive models using Python, TensorFlow, and scikit-learn to forecast stock price movements and support investment decision-making by identifying optimal buy/sell opportunities.
- Performed comprehensive data preprocessing including cleaning, normalization, and feature selection to ensure model accuracy and minimize risk in return predictions.

Currency Converter using Java and Java Swing

- Designed a user-friendly currency converter application using Java and Swing/JavaFX, integrating a REST API to fetch real-time exchange rates.
- Implemented features like multi-currency support, conversion history tracking, input validation, and robust error handling, enhancing skills in API integration and GUI development.

Anime/Manga Recommendation System

- Built a content-based recommendation engine using TF-IDF and cosine similarity to suggest anime and manga based on user input.
- Integrated the Jikan API to fetch real-time metadata (genres, synopsis, ratings) from MyAnimeList and processed 15K+ entries.

Password Generator and Storage

- Programmed a secure password generator and manager using Python, with customizable password criteria and a user-friendly GUI (Tkinter/Flask).
- Engineered encrypted credential storage with SQLite and the cryptography library, including features like master password protection and copy-to-clipboard support.

EDUCATION

Bachelor of Engineering(Computer Engineering), New Horizon College of Engineering/ 2022-PRESENT
Bengaluru, Karnataka

Class 12, St. Michael's High School/ 2022

Patna, Bihar

Class 10, Kendriya Vidyalaya

Gopalganj, Bihar

SKILLS

Programming Languages: Python, JAVA

Web Development: HTML, CSS, JavaScript

Database: DBMS, MySQL

Tools & Platforms: VS Code, MS Office

Soft Skills: Teamwork, Communication, Time Management, Problem Solving

EXTRA CURRICULAR

- Organisator, Drone Race- QuantumX 2025
- Certification of Appreciation in **Data Science for Engineers** Approved by **NPTEL**.
- Certification of Appreciation in **Journey to Cloud: Envisioning Your Solutions** issued by **IBM Skills Build**.
- Appointed as Sports Captain in class 10