Aman Soudagar

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PROFILE INFO

Passionate about combining web development and Python data science, I aim to apply technical expertise to develop innovative web applications and derive actionable insights from data in a dynamic environment. With a future ambition to become a freelancer, I am committed to collaborating with diverse teams to deliver exceptional results while adapting to evolving challenges and opportunities.

EDUCATION

BNM Institute of Technology   Bengaluru, Karnataka
Computer Science Engineering - CGPA: 8.67   *November 2022 – March 2026*

Indian National PU College   Bengaluru, Karnataka
Pre-university College - 85.5%   *August 2020 – May 2022*

Delhi Public School Bengaluru South   Bengaluru, Karnataka
Central Board of Secondary Education - 83.4%   *March 2014 – March 2020*

PROJECTS

Mining Chat Bot | *Python, Streamlit, Gemini Pro, MySQL*   March 2024
- The script engages users by interfacing with the Gemini Pro AI model, generating responses based on user queries.
- It connects to MySQL to store user queries and bot responses, enhancing chatbot performance through data persistence and analysis.
- Utilizing Streamlit, the script develops a user-friendly web interface for effortless question input and response display, including chat history.
- Efficiently manages resources by dynamically handling database connections, optimizing performance and ensuring data integrity.

Banking Customer Database | *java, MySQL*   October 2023
- The project connects to MySQL, facilitating data insertion, retrieval, and validation.
- Users input customer and account details, with the system validating inputs, ensuring unique customer IDs.
- It maintains two database tables for customers and accounts, ensuring organized and reliable data storage.
- Users retrieve customer and account details by ID, with the system seamlessly fetching and displaying associated data.

Movie Ticket Booking System | *C*   August 2023
- Users can choose a movie, time slot, and theater from the available options presented to them.
- The program displays the seating layout of the theater, showing available and booked seats.
- Users can book available seats by selecting a row and seat number, with the program updating the seating layout accordingly.
- Users can exit the program when finished, with a thank you message displayed upon exit.

TECHNICAL SKILLS

Languages: C, Java, Python, SQL, HTML/CSS
Developer Tools: Git, VS Code, MATLAB, PyCharm, IntelliJ, Eclipse

SOFT SKILLS

Attention to detail, Teamwork, Time management, Delegant

Languages: English, Hindi, Urdu, Kannada

HOBBIES AND INTERESTS

- Photography
- Video Games
- Football