ANIKET SAHA

Kolkata, West Bengal (743263)

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🌐 Portfolio

Skills

Languages: C, C++, MySQL, Python, JavaScript, HTML, CSS
Framework: Tailwind, React
Coursework: Operating System (OS), Data Structures, Networking, Database (DBMS), Software Engineering
Miscellaneous: Linux, Shell (Bash/Zsh), Git

Projects

Virtual Quiz Game / *Python*
- Designed an educational quiz game to teach children about potential outer-world threats in a creative, engaging manner. By combining real-world awareness with interactive gameplay, it promotes critical thinking and learning in an innovative format.
- Leveraged advanced hand-tracking technology through Mediapipe and CVZone to enable gesture-based interactions, creating a modern and hands-free user experience that is both accessible and entertaining for kids.
- Developed a modular system with CSV-based question design and management, allowing tutors to expand the game's content for broader topics.

AI Data Analyst / *Python*
- Built an AI-driven data analysis agent capable of reading datasets at runtime and performing user-specified operations using **Python** libraries
- Designed a system that enables seamless **data preprocessing, visualization, and statistical analysis** through interactive command-based input, improving flexibility in data exploration.
- Integrated **automation features** to handle diverse datasets, reducing manual effort in analysis and enabling efficient data-driven decision-making.

Fire-Detection System / *Python, HTML, CSS*
- Designed a real-time fire detection model using YOLO for efficient object recognition in emergency scenarios.
- Developed an interactive user interface integrating Python and HTML for deployment flexibility alongside enhanced model accuracy and performance for reliable fire detection in real-world applications.

Certifications

- Unrevealing Basic Python towards ML/AI
  -By CSE Pathshala — **Feb 2024-March 2024**
- The Bits and Bytes of Computer Networking
  -By Coursera — **Sept 2024**
- Introduction to Hardware and Operating Systems
  -By Coursera — **Sept 2024**

Profiles

LeetCode   HackerRank   GeeksforGeeks   GitHub

Education

Lovely Professional University (CGPA - 7.4)   **2023 – 2027**
Bachelor of Technology in Computer Science & Engineering   *Jalandhar, Punjab*

Indira Gandhi Memorial High School (CBSE – 75%)   **2021 - 2023**
Higher secondary education   *Kolkata, West Bengal*