JASMINE KAUR

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Summary

Proficient in C++, C, Python, and web technologies including HTML,CSS and Javascript. Fluency with front-end technologies. Seeking opportunities to leverage my skills and contribute to innovative projects in a dynamic team environment.

Education

Thapar Institute of Engineering & Technology, India — **2022 - 2026**
- BE-COPC | CGPA: **9.53** (current**)** (expected)

Sanawar- an Institute for Children, India — **2021 - 2022**
- AISSCE (Class XII) | Percentage: **97%**

Chetan SVM Mansa, India — **2019 - 2020**
- AISSE (Class X) | Percentage: **95.6%**

Skills

Languages: C/C++, Python, SQL, PL/SQL, R, Matlab, HTML/CSS, JavaScript

Libraries / Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Plotly, NLTK

Tools / Environments: Git/GitHub, VS Code, Matlab, GNS3, Jupyter, Google Colab, AWS, Linux/Unix, Windows, AutoCAD, OpenGL, IBM Quantum Platform

CS Fundamentals: Data Structures & Algorithms(DSA), Object Oriented Programming(OOP), Artificial Intelligence(AI), Machine Learning(ML), Data Science, Relational Database Management System(RDBMS), Software Engineering, Operating systems(OS), Computer Architecture, Computer Networks(CN), Cloud Computing, Theory of Computation(TOC), Quantum Computing, Computer Graphics

Technologies: AI, ML, NLP, Data Science

Soft Skills:Decision Making, Problem Solving, Time Management, Analytics, Interpersonal Skills

Projects

1. **TOPSIS Package**

- Developed a command line python program to implement TOPSIS

  (Technique for Order of Preference by Similarity to Ideal Solution)

- Developed a python package and uploaded it to pypi.org

2. **Tic-Tac-Toe Game**

HTML, CSS, Javascript

- Developed an interactive browser-based Tic-Tac-Toe game with a clean and responsive UI.
- Implemented game logic in JavaScript to handle turn-based play, win conditions, and draw detection.

Languages Known

English | Hindi | Punjabi