Kapil Agnihotri

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Education

Thapar Institute of Engineering and Technology, Patiala	**AUG 2020 – AUG 2024**
Bachelor of Engineering in Computer Science and Engineering	*CGPA: 7.12*
Delhi Public School, Udhampur	**MAR 2019 – MAR 2020**
CBSE, Senior School Certificate Examination	*Percentage: 80.2%*

Technical Skills

Languages/Database: C++, Python, SQL.
Web Technologies: HTML5, CSS3,MongoDB, Flask, Bootstrap.
Courses: Operating System, DBMS, Computer Networks, Machine Learning, DSA.

Personal Projects

MY PORTFOLIO WEBSITE | *FRONTEND PROJECT* *Source Code*

- Developed a responsive personal portfolio website to showcase my skills and projects. The website was hand-coded using modern web technologies, including HTML5 for semantic structuring, CSS3 for styling and animations, and basic JavaScript for dynamic interactivity.)
- The website adapts seamlessly across 3 main device categories: desktops, tablets, and mobiles, providing a consistent user experience.

Language Detector | *Machine Learning* *Source Code*

- Developed an innovative language detector system using Python, capable of identifying text inputs across multiple languages.
- Incorporated data from over 100 different languages, allowing for comprehensive and accurate language detection
- Utilized a trained model that has a high accuracy of 95%, ensuring reliable and precise language identification.

Sudoku Game | *DSA and Python* *Source Code*

- A robust, user-friendly Sudoku game using Python.This project demonstrates a deep understanding of backtracking algorithms and data structures, which were employed to generate unique Sudoku puzzles and validate user solutions.

Ads Personalization:Contextual Advertisement | *Captstone Project* **Ongoing**

- Developing an ads personalization system to provide real-time, tailored advertisements.
- Upheld stringent user privacy standards, ensuring 100% compliance with prevailing legal regulations.
- Deliver real-time , relevant ads for engaging user experience.

Experience

Study Rate   **June 2022- August 2022**

- Covered a range of topics including study strategies, management, and subject-specific advice, offering valuable insights to enhance 10 and 12 exam readiness.
- Provided accessible and engaging resources to alleviate stress and equip Class 10 and Class 12 students with the tools needed for successful board exam preparation.

Extra-Curricular Activities

Participated in various Blood Donation Camps

Community Services

- Demonstrated consistent dedication to community health and well being through regular participation in blood donation drives.

Pregrad   **Feb-Mar 2023.**

Community Ambassador

- As a Community Ambassador at Pregrad, my mission focused on inspiring and guiding individuals(atleast 100) to explore the comprehensive range of educational programs offered by the company.

Certificates

Certificate 1: Computer Programming| link
Certificate 2 : Artificial Intelligence| link
Certificate 3 :Databases and SQL for Data Science with Python| link
Certificate 4 : Python for Data Science, AI Development| link
Certificate 5 :Python Project for Data Science| link
Certificate 6 :What is Data Science?| link