

SAMAR SINGH

CONTACT

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SKILLS

Languages : Python, C/C++, HTML, CSS, Javascript, Bootstrap, SQL
Developer Tools : Docker, MATLAB
Kernel : Linux
Others : UI/UX Designing

EDUCATION

B.Tech - CSE(AI-ML)
PES University
2022 - Present
Senior Secondary (XII) - 90.2%
Montfort Inter College
2020
Secondary (X) - 90.5%
Sri Venkateshwara International School
2018

CERTIFICATIONS

- Python
- Java
- CSS
- Problem Solving(Basic)
- Problem Solving(Intermediate)

LANGUAGES

- English
- Hindi

WORK EXPERIENCE

Web Development(Front-End) Intern

Tru Value Overseas Pvt. Ltd. | New Delhi

June 2024 - Aug 2024

- Implemented responsive web designs using React.js, improving site functionality and user experience across desktop and mobile platforms.
- Optimized front-end performance through efficient JavaScript and CSS practices, significantly reducing page load times.

PROJECTS

Movie Recommendation System

| Python, sklearn, pandas, numpy |

- Engineered an advanced ensemble machine learning solution for movie recommendations, integrating multiple sorting algorithms to enhance prediction accuracy.
- Implemented Singular Value Decomposition (SVD) for data compression and noise reduction, achieving a 93% accuracy rate in content recommendations.

Airline Ticket Booking System

| DSA, C |

- Constructed an Airline Ticket System in C utilizing linked lists, arrays, and structures to manage data for across 20 daily flights.
- Integrated 3 core functionalities: ticket booking, cancellation, and boarding pass viewing to organize passenger details.

Hangman Game

| C++ |

- Developed an engaging word-guessing game focused on country names, utilizing C++ and file I/O operations with the fstream library.
- Implemented dynamic gameplay mechanics and efficient data management, enhancing user engagement while providing educational value.

Typing Speed Tester

| HTML, CSS, JavaScript |

- Designed a web-based typing speed tester with a minimalist interface, featuring a dark mode toggle and three difficulty levels (easy, medium, hard), to enhance user interaction and accessibility.
- Implemented real-time metrics for typing accuracy, Words Per Minute (WPM), and Characters Per Minute (CPM).

AWARDS AND ACHIEVEMENTS

- Stood 6th in the whole college in Kalahari Coding Competition organized in our college.
- One of the Top 20 teams of Nexus Hackathon named Neuronex Datathon.
- Won 2nd Prize in Mathematics Competition organized by Shunya Club.