

# SAMAR SINGH

## CONTACT

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- Bengaluru, India

## 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**

2019-2020

**Secondary (X) - 90.5%**

**Sri Venkateshwara**

**International School**

2017-2018

## CERTIFICATIONS

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

## LANGUAGES

- English
- Hindi

## PROFILE

A driven 3rd-year computer science and engineering student specializing in AI-ML. Skilled in competitive coding, C, C++, Python and Front-End web development . Proficient in efficient coding practices, machine learning techniques, and UI/UX design. Actively seeking internships/projects in software development or ML to apply knowledge and gain valuable experience. Committed to continuous learning and staying up-to-date with the latest technological advancements in the field.

## WORK EXPERIENCE

### Web Development(Front-End) Intern

Tru Value Overseas Pvt. Ltd. | New Delhi

June 2024 - Aug 2024 (Expected)

- 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.