

# Vivek Prakash

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## SUMMARY

Student majoring in computer science, skilled in Python, C, and C++ programming languages. With strong communication abilities, I am eager to apply my technical expertise in Machine Learning and programming to tackle complex challenges and contribute effectively to innovative projects.

## PROJECTS

### 1. CourseRecommenderSystem

 [Link](#)

- Developed a course recommender system using an IBM dataset, integrating **Pandas**, **NumPy**, and **scikit-learn**.
- Improved data processing by 40% and model accuracy by 25%, and increased user engagement with personalized suggestions.
- Trained models like Collaborative Filtering and Content-Based Filtering, using **Matplotlib** for visualization.

### 2. Mausam24

 [Link](#)

- Developed Mausam24, a web app for accurate Indian city weather updates using **React.Js**, **HTML**, **CSS**, **Bootstrap**.
- Integrated real-time weather data from the **OpenWeather** API for up-to-date information.
- Emphasized user experience with intuitive navigation, clear visualizations, and detailed forecasts.

## EDUCATION

2021-2025 B.Tech-Computer Science Engg.	SRM Institute of Science and Technology	CGPA: 9.85/10
2020 - 12th CBSE	St. Aloysius Senior Secondary School	92.2%
2018 - 10th CBSE	St. Aloysius Senior Secondary School	96.8%

## SKILLS

**Technical Skills:** C, C++, Python, Machine Learning(scikit-Learn , pandas, numpy),Data Structures and Algorithms, Object-Oriented Programming, Operating System, Computer Network, SQL, DBMS

**Soft Skills:** Verbal and Written Communication, Leadership, Teamwork, Problem Solving

**Languages:** English, Hindi, German

## CERTIFICATIONS

• IBM Machine Learning Professional Certificate	Coursera, June-2024
• Data Analysis with Python	Coursera, May-2024
• Programming, Data Structures and Algorithms using Python	NPTEL, Oct-2023
• Front-End Libraries Certification	freeCodeCamp, Jan-2024
• Database Management System	NPTEL, Apr-2024

## ACTIVITIES AND HONORS

• Kodation 4.0 - Coding Contest	GFG SRMIST NCR CHAPTER - Feb 2024
• Debate Competition	NYX Swagatham - Nov 2022
• Jam on Ham - Extempore Speech	Rubaroo - Apr 2023
• Certificate of Achievement: Second Position in B.Tech-CSE 2nd Year	Aug 2023
• Kalamgiri - The Literary Society	Content Lead - 2023-24