

# Karandeep Singh

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## SKILLS

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<b>Languages:</b>	C++, C, JAVA, R Language , SQL
<b>Frameworks/Libraries:</b>	HTML, CSS, NumPy
<b>Tools/Platforms:</b>	MySQL, Tableau, Excel, R Studio
<b>Soft Skills:</b>	Data Analysis , Team Management, Communication

## PROJECTS

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### Text Data Analysis - YouTube Case Study

January 2024

- Conducted data analysis on YouTube categories and trends using Sentiment Analysis and Word-cloud Generation.
- Loaded and processed data from CSV and JSON files, exporting results back to both formats. Explored audience engagement patterns, identified top categories, and analyzed trending topics.
- Generated word clouds using STOPWORDS, performed sentiment analysis, and identified top emojis, revealing that most viewers expressed happiness.

### Restaurant Website

November 2024 •

Developed a responsive restaurant website with an interactive, visually appealing menu for an enhanced user experience.

- Gained hands-on experience in implementing front-end web development techniques.
- Tool used: VS\_CODE using HTML for structure and CSS for styling.

## Summer TRAINING

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### Data Structure Algorithm using C++ | Board Infinity

May 2024 – August 2024

- Gained hands-on experience with problem-solving techniques and optimized coding approaches for competitive programming and projects.

## CERTIFICATES

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Excel Skills for Data Analytics and Visualization | [Coursera](#)

February 2024

Data Analysis with Tableau | [Coursera](#)

October 2024

R Programming | [Coursera](#)

November 2024

## EDUCATION

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### Lovely Professional University

Phagwara, Punjab

Aug' 2022 – Present

Bachelor of Technology , Computer Science and Engineering | CGPA: 7.49

### Doon Valley Public School

Nalagarh, Himachal

Intermediate

April

2021 – May 2022

Percentage: 81%

### Doon Valley Public School

Nalaagarh, Himachal

Matriculation

April

2019 – May 2020

Percentage: 85%

