

## Projects

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### SQL Analysis Project | *Hotel booking*

**June 2025**

- Analysed real-world hotel booking dataset to uncover trends in room preferences, pricing, guest behaviour, and booking sources.
- Gained hands-on experience in SQL-based data analytics, query optimization, and real-world business problem-solving.
- Wrote and executed 15+ SQL queries involving filtering, grouping, aggregation (AVG, COUNT, MAX), ranking, and subqueries.

### Data Analysis Project | *Most Streamed Spotify Songs*

**May 2025**

- Performed data preprocessing, manipulation, and visualization using R.
- Utilized packages such as tidyverse, dplyr, ggplot2, correlation, and regression to explore trends in song popularity and artist performance.
- Derived insights from track attributes and listener patterns to understand music consumption trends on Spotify.

### Web Development Project | *Coffee Shop Website*

**Feb 2024**

- Developed a fully responsive website using HTML, CSS, and JavaScript, with an interactive menu and mobile-friendly layout.
- Implemented category filtering, search functionality, and engaging animations for a smooth browsing experience.
- Optimized layout and performance for consistent behaviour across different screen sizes and browsers.

### Social Impact Project | *Aash Child Development (CDP)*

**June 2024**

- Contributed to educational and skill-building initiatives aimed at empowering underprivileged children through structured Learning activities.
- Organized developmental workshops, managed on-ground logistics, and collaborated with volunteers to deliver impactful sessions.
- Actively engaged with local communities to encourage participation and ensure sustainable support for child-focused programs.

## Certificates

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### Python for Data Science

**May 2025**

*Saylor*

### Web development program

**Feb 2024**

*Interns Elite*

### Building generative AI skills for developers

**Nov 2023**

*LinkedIn Learning*

## Skills

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**Languages:** C++, C, Python, JavaScript, R

**Web Technologies:** HTML, CSS

**Tools & Platforms:** GitHub, Microsoft Excel, Power BI, SQL

**Core Competencies:** Data Structures & Algorithms, Data Analysis

**Soft Skills:** Time Management, Dedication, Communication Skills, Leadership

## Education

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### Lovely Professional University

**2023 – Present**

*Bachelor of Technology - Computer Science and Engineering — CGPA: 8.7*

*Jalandhar, Punjab*

### Snower Valley Public School

**2021 – 2022**

*12th — Percentage: 76%*

*Bajaura, Himachal Pradesh*

### Lal Chand Kaura Piedmont School

**2019 – 2020**

*10th — CGPA: 85%*

*Bhuntar, Himachal Pradesh*