

Virat

Ludhiana , Punjab

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Summary

Enthusiastic and detail-oriented Computer Science undergraduate with hands-on experience in data structures, algorithms, web development, and data analysis. Skilled in Python, Java, HTML, and CSS, with practical knowledge gained through internships and self-initiated projects such as e-commerce platforms and sentiment analysis. Strong understanding of tools like GitHub, WordPress, Tableau, and Python libraries including Pandas and Matplotlib. Adept at problem-solving, teamwork, and delivering real-world solutions with a keen interest in software development and data-driven applications.

Internship

Board Infinity —Data Structures & Algorithms

June 2023 - July 2023

- Successfully completed an intensive 6-week training program focused on Data Structures and Algorithms.
- Gained hands-on experience in implementing efficient algorithms for problem-solving and software development.
- Designed and developed a functional Library Management System as a capstone project.
- Collaborated with team members on coding exercises and projects, enhancing both technical and teamwork skills.

Projects

• Airline services Analysis

July 2022 - Aug 2022

- Performed sentiment analysis on airline service data to evaluate public perception and customer satisfaction levels.
- Identified trends and prevailing attitudes toward various aspects of flights and the airline industry.
- Utilized Python libraries including Pandas, NumPy, Matplotlib, and Seaborn for data preprocessing, analysis, and visualization

• E-Commerce Website:

Feb 2021 – March 2023

- Designed and developed a fully functional e-commerce website for a personal iron products business using HTML, CSS, and JavaScript.
- Maintain and manage day-to-day operations of the platform to ensure smooth and secure online transactions.
- Integrated and customized WordPress themes and managed hosting services through GoDaddy for enhanced site performance and uptime.

Certificates

- Data Science & EDA - TechVanto Academy, Jan 2023
- Theory Of Computation – Udemy, Aug 2023
- Computer Organization And Design – Udemy,Mar2024

Technical Skills

Languages: Python, Java, JavaScript

Technologies/Frameworks: Jupyter Notebook, Tableau, GitHub, Ubuntu

Skills: Data Structures and Algorithms, Problem-Solving, Python

Education

Lovely Professional University Punjab

2021 – 2025

Computer Science and Engineering

Jalandhar, Punjab

Children Valley Public Senior Secondary School

2019 – 2020

12th with Science — Percentage: 71.56%

Ludhiana, Punjab

Children Valley Public Senior Secondary School

2017 – 2018

10th with Science — Percentage: 91%

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