

Dhruv Sen

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PROFILE SUMMARY

As a recent graduate from Virk Institute of Technology with a strong foundation in computer science and a passion for machine learning, I'm eager to apply my skills and analytical abilities to build impactful solutions. My coursework focused heavily on developing robust algorithms and understanding the practical application of data through projects involving Python and C++. I'm particularly drawn to roles where I can contribute to building scalable systems and continually learn within a dynamic team environment.

INTERNSHIP

Data Engineering Intern - Vertex Solutions (6 weeks)

- Wrote scripts for automating test runs, aided in continuous integration setup.

EDUCATION

B.Sc in Computer Science

Virk Institute of Technology | CGPA: 9.48 | Graduated: 2025

TECHNICAL SKILLS

React, C++, Algorithms, Git, REST APIs, Linux, Python, JavaScript

PROJECTS

- Personalized Recommendation Engine - Developed a collaborative filtering recommendation system using Python and Pandas to analyze user preferences and suggest relevant products, demonstrating proficiency in data analysis and algorithm implementation.
- Smart Home Automation System ? Designed and implemented a C++ based control system for a simulated smart home environment, utilizing REST APIs to integrate with virtual sensors and actuators, highlighting my understanding of system architecture and API integration.

ACHIEVEMENTS

- Achieved a CGPA of 9.48, consistently ranking within the top 5% of my class. Successfully completed a challenging capstone project involving the development of a novel algorithm for image recognition.