

# DARSHIL NATHWANI

## CONTACT

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## TECHNICAL SKILLS

- Dsa in c++
- Intermediate knowledge of C++
- Basic to Intermediate knowledge about C
- Basic knowledge of python

## AREA OF INTERESTS

- Artificial Intelligence
- Machine Learning
- Data structure and Algorithms
- Data science
- Cloud Computing

## SOFT SKILLS

- Team Collaboration
- Adaptability
- Time management

## ACADEMIC PROFILE

**B.E in Information Science engineering**  
Dayananda Sagar college of Engineering, Bengaluru  
(2024-28)

**12th Standard**  
Utkarsh school of excellence, Rajkot  
(2022-2024)

## PROFILE SUMMARY

A tech enthusiastic first-year engineering student with a good foundation in C++ programming and a strong interest in emerging fields such as Artificial Intelligence, Machine Learning, and Cloud Computing. Skilled in problem-solving and collaborative teamwork, with practical experience in developing interactive projects, including a Rock-Paper-Scissors game and applications like an ATM module ,GST balance sheet generator and IPL Auction System. Committed to upgrading technical expertise to address real-world challenges while continuously advancing knowledge and staying updated on the latest technological trends.

## RECENT PROJECTS

### ▶ ATM Module

[GitHub](#)

Developed a robust C++ program simulating an ATM module that enables secure account management with features such as user authentication through PIN validation, balance inquiry, cash withdrawal with balance checks, deposit functionality to update account balance, and the ability to securely change the PIN.

[GitHub](#)

### ▶ GST Report generator

Built a C++ program to simplify GST management by automating sales and purchase entries and generating annual reports. It calculates GST, manages input tax credits, and provides tax summaries.

### ▶ IPL Auction System

[GitHub](#)

An IPL Auction System developed in C++ to simulate and manage the player auction process, track team budgets, and handle bidding activities. The system efficiently facilitates player selection, bid management, and ensures proper budget allocation for each team.

### ▶ Single and 2 player rock ,paper & scissor

[GitHub](#)

A fun and interactive Rock-Paper-Scissors game in C++ with both single-player (AI) and two-player modes. The game features smooth gameplay with live score tracking for good user experience