

# Harshit Pant

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🔗 <https://github.com/Harshitpant12>

## Professional Summary

An enthusiastic person currently pursuing a B.tech in computer science and engineering having a strong foundation in programming also having good problem-solving skills and a bit efficient in data structure and algorithms. I am passionate about applying my knowledge in collaborative environments to work on real-life issues and challenges.

## Technical Skills

- **Programming languages:** Python, C++
- **Web Technologies:** HTML, CSS
- **Frameworks/Libraries:** Tkinter, Smtplib, Pandas, Turtle
- **Tools & IDEs:** Visual Studio Code, Github, Pycharm
- **Databases:** SQL

## Education

### Bachelor of Technology

Uttarakhand Technical University: 2022-2026

Computer Science and Engineering

### XIIth

K.V. Banbasa: 2021-2022

## Projects

### Snake Game

#### Python

- Developed a classic Snake game using Python and the Turtle library.
- Implemented game logic, including snake movement, collision detection, and score tracking.
- Utilized event-driven programming and object-oriented design.

### Tic Tac Toe

#### C++

- Created a console-based Tic Tac Toe game in C++.
- Designed the game flow for a two-player experience with input validation and game status checks.
- Applied structured programming principles for optimal game performance.

### Coffee Machine

#### Python

- Implemented user interaction for selecting coffee types and handling payments.
- Managed inventory to check and update resources (water, milk, coffee beans).
- Designed transaction handling for correct payment processing and change dispensing.