

# Agrim Saxena

Third Year Undergraduate

Computer Science and Engineering, Galgotias College of Engineering and Technology, Greater Noida.

<https://leetcode.com/u/theagrim0410/>

<https://github.com/theagrim0410/>

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## Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2023 - Present	B.Tech	Galgotias College of Engineering and Technology, Greater Noida	7.8/10
2023	Class XII (CBSE)	St. Mary's Convent Sr. Sec . School , Faridpur (Bareilly)	91%
2021	Class X (CBSE)	St. Mary's Convent Sr. Sec . School , Faridpur (Bareilly)	89%

## Key Projects

*Self Projects*

### GUI Calendar

*Jul'22*

- Designed and developed a Python Tkinter GUI calendar application that includes a real-time digital and analog clock, automated greeting messages based on system time, and a built-in monthly calendar display.
- Tech. Skills:** python tkinter , python calendar , python math, python datetime.

### GUI Calculator

*Sep'22*

- Developed a GUI-based calculator supporting basic arithmetic operations. Designed an intuitive and clean interface using Tkinter.
- Tech. Skills:** python tkinter , python math.

### EMPLOYEES ATTENDENCE MANAGER

*Feb'23*

- Developed a manual Employees Attendance Manager system that allows administrators to create employee profiles, mark attendance daily, edit/update records, and view attendance summaries for specific dates or employees. Intuitive GUI to ensure quick and error-free entry.
- Tech. Skills:** python tkinter , mysql-connector-python.

### SPEECH BOT

*Sep'24*

- Developed a Speech Bot using Python and Flask that listens to user voice commands and performs tasks such as opening websites, answering general knowledge queries, telling the time, and greeting users contextually. Implemented speech recognition for command input and text-to-speech for interactive responses.
- Tech. Skills:** pyttsx3, python flask.

### PORTFOLIO WEBSITE

*Aug'25*

- Developed a frontened of my own Responsive Portfolio Website.
- Tech. Skills:** Reactjs and CSS .

### SUDUKO SOLVER

*Nov'25*

- Developed a 9\*9 Sudoku Solver using Python and the Tkinter GUI library. The tool enables users to input Sudoku puzzles manually and solve them instantly using a backtracking algorithm.
- Tech. Skills:** Python Tkinter and Backtracking Algorithm.

## Technical Skills

**Frontend Frameworks / Libraries:** React.js

**Languages:** C, C++, Python, Java

**Databases & Frameworks:** MySQL, Flask

**Web Technologies / Utilities:** HTML, CSS, Git