

Abhay Rana

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Education

Galgotias University, Greater Noida, UP

Bachelor of Technology in Computer Science

CGPA: 7.11

Oct 2022 – Present

S.S. Children Academy, Amroha, UP

Senior Secondary in PCM

Aug 2020 – May 2022

Skills

Languages: Java, C, C++, JavaScript

Web Technologies: ReactJS, HTML, CSS, Git

Backend: SQL, NodeJS, API, Express, MongoDB

Coursework: Data Structures and Algorithms, OOP, OS, DBMS

Soft Skills: Determined, Punctual, Agile, Creative, Enthusiastic, Team Player, Problem Solving

Projects

Keyboard Heatmap Tracker

GitHub Link

June 2025

- Built a lightweight Python app using keyboard and threading to monitor real-time keystroke frequency.
- Exposes live keypress statistics at `/keys`, viewable in a browser.
- Easy setup and useful for productivity or user behavior tracking.

Quiz Application

GitHub Link

March 2023

- Developed a quiz app with dynamic questions and responsive UI.
- Included timer, score tracking, and real-time feedback.
- Randomized question order for better testing variety.

Form Validation

GitHub Link

December 2022

- Responsive form with real-time input validation using regex.
- Validated name, email, and password with error handling.
- Enhanced UX with hover effects and clean interface.

Certifications

- EduSkills Ethical Hacking — Dec 2024 [View]
- AWS Cloud Virtual — Sept 2024 [View]
- Database Programming with SQL — Jan 2024 [View]