

Kushagra Modanwal

+91 9453161760 | kushagramodanwal@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur

2024 – 2028

Bachelor of Information Technology

Central Board of Secondary Education (CBSE)

Class XII — 80%

Central Board of Secondary Education (CBSE)

Class X — 93%

PROJECTS

Snake Game [GitHub](#)

- A classic snake game implemented in C using the ncurses library for terminal-based graphics.
- Features smooth snake movement, random food spawning, and score tracking.
- Developed to strengthen C programming skills, learn terminal UI handling, and improve problem-solving abilities.

UNI TASK HUB (In Development)

- A task exchange platform for university students to post and swap tasks.
- Built using React, Clerk Authentication, Node.js, and MongoDB.
- Features include user authentication, task posting, browsing, and status updates.
- Designed with a responsive UI and a consistent navigation experience.

SoloPlay [GitHub](#)

- Developed using JavaScript a Chrome extension that ensures only one YouTube video plays at a time across all browser tabs, preventing overlapping audio.
- Leveraged service workers for seamless background synchronization and handled YouTube's dynamic single-page application navigation.
- Implemented automatic playback switching between tabs to improve user experience and optimize browser resource usage.

TECHNICAL SKILLS

- **Programming Languages & Frameworks:** C, C++, JavaScript, React.js, Tailwind CSS
- **Data Structures & Algorithms / Competitive Programming:** Developing strong problem-solving abilities; actively practicing on platforms like Codeforces and LeetCode
- **Version Control:** Proficient in Git & GitHub workflows
- **Productivity Tools:** Microsoft Office Suite (Excel, Word, PowerPoint)
- **IT Skills:** System maintenance, network troubleshooting, and internet management
- **Practical Exposure:** Hands-on experience with computer systems, internet troubleshooting, software installation
- **Typing Speed:** ~70 WPM

INTERESTS & ACHIEVEMENTS

- Chess — demonstrating strategic thinking and problem-solving skills.
- Recognition — Received certificate of appreciation from Hon. Prime Minister Narendra Modi for essay writing.