

# SWATI SINHA

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## Education

**Madan Mohan Malaviya University Of Technology**

**Nov. 2022 – May 2026**

*Bachelor of Technology in Computer Science (Cgpa-7.66)*

*Gorakhpur, U.P.*

**New Kingston Senior secondary School**

**2019– 2021**

*INTERMEDIATE (Cgpa-9.62)*

*Kanpur, U.P.*

**Kendriya Vidyalaya Kanpur ,Cantt**

**2019**

*Matriculation (Cgpa-10)*

*Kanpur, U.P.*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Experience

**CDAC,Greater Noida**

**June 2024 – July 2024**

*Cybersecurity Intern (Remote)*

- Gained hands-on experience in ethical hacking and penetration testing during my cybersecurity internship with CDAC and CyberGyan.
- Worked on DDoS mitigation project using pfSense, an open-source firewall and router platform.
- The project successfully reduced the impact of DDoS attacks, enhancing network resilience.
- Strengthened skills in teamwork, communication, and problem-solving throughout the internship.
- Key tasks included : Setting up pfSense — Analyzing network traffic to detect DDoS patterns — Implementing threshold-based blocking and rate limiting — Configuring logging and alerts.

## Projects

**My Portfolio | HTML,CSS,JavaScript**

**January 2023**

- Project Link: <https://iamswatisinha.github.io/My-portfolio/>
- Developed a responsive personal portfolio website using HTML, CSS , JavaScript.
- Showcased skills, achievements, projects, and experiences through an interactive UI.
- Designed for simplicity and ease of navigation, highlighting my expertise in web development.

**Perfume website | HTML,CSS,JavaScript**

**March 2024**

- Project Link: <https://iamswatisinha.github.io/Perfume-website/>
- Developed a visually appealing perfume website using HTML, CSS, and JavaScript.
- Implemented responsive design with jQuery for seamless user experience across devices.
- Focused on aesthetics and functionality to create an engaging and beautiful interface.
- Enhanced user interaction with dynamic elements, ensuring smooth navigation.

## Technical Skills

**Languages:** C, C++, HTML, CSS, JavaScript, SQL

**Developer Tools:** VS Code, GitHub.

**Frameworks:** Bootstrap,Reactjs

**Courseworks:** DBMS, OOPS, Data Structures and algorithm, problem-solving and Complexity Analysis, Computer Network,Operating, Operating System

## Leadership / Extracurricular

**IEEE-MMMUT**

**Spring 2023 – Present**

*Management and Outreach Head.*

Coordinated seamless and impactful events experiences in techSrijan'23 , Internal SIH'23 , HACKFEST'23 , TEDxMMMUT .