

# SAKSHI LINGWAL

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## Education

<b>Graphic Era University, Dehradun</b> B.Tech in Computer Science and Engineering	<b>2021 - 2025</b> 9.0/10 CGPA
<b>Rainbow Public School, Srinagar Garhwal</b> Intermediate/+2	<b>2020 - 2021</b> 96.6%
<b>Rainbow Public School, Srinagar Garhwal</b> Matriculation	<b>2018 - 2019</b> 93.2%

## Projects

### Machine Learning Based Malware Attack Detection And Mitigation System

- This project accurately identifies safe or potentially harmful files. This proactive approach safeguards our infrastructure and ensures real-time protection against cyber threats.

### Student Grades Prediction

- This project utilizes supervised ML to forecast students' final grades in a specific subject. It relies on historical performance data for predicting grades.

### Keylogger

- The Keylogger project in Python is an application designed to monitor and record keyboard input on a computer system. All the inputted keystrokes are stored in a .txt file.

### Advance Employee Management System

- It's an application that is used to manage the data of the employees such as leave management personal details, education details, work experience etc.

## Technical Skills

**Prog. Languages:** C, C++, Python, Java, SQL, Linux

**Backend:** Python, Php, Js, SQL

**Frontend:** HTML, CSS, Js

**Data Analysis:** Python, Pandas, NumPy

**Developer Tools:** VS Code, Jupyter Notebook, Oracle, Xampp, Ubuntu, Kali Linux, Wireshark, GitHub

## Licenses and Certifications

### Google Cybersecurity

- Foundation of Cyber Security (Module 1)
- Manage Security Risk (Module 2)
- Connect And Protect Networks (Module 3)
- Tools of Trade: Linux And SQL (Module 4)
- Assets, Threats And Vulnerabilities (Module 5)
- Sound the Alarm: Detection and Response (Module 6)
- Automate Cybersecurity Tasks with Python (Module 7)

## Extra Curricular

### TDH Club (The Desginnovation Hub):

- Core Team Member
- Event Organiser
- Design and develop projects

### NSS Volunteer:

- Donation camps (Clothes/Blood)
- Plantation drives
- Cleanliness drives and Awareness Rallies