ABHISHEK SINGH NEGI

Roll No.: 2118110
B-TECH
Computer Science & Engineering
Graphic Era Hill University, Dehradun

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Graphic Era Hill University, Dehradun	8.34	2021-Present
Senior Secondary	Army Public School, Clement Town	89%	2020
Secondary	Army Public School, Clement Town	81%	2018

Projects

- **Railway Management System**. A graphical user interface with backend database connectivity. The system provides various railway operations, such as ticket bookings, passenger data management, and train schedule inquiries.
  Tech. **Used**: Python, Tkinter, SQLite3.

- **Indian Sign Language Detection System**. The system leverages advanced computer vision and machine learning techniques to recognize and interpret Indian Sign language gestures.
  Tech. **Used**: Python, Machine learning, Computer Vision.

- **Cryptography Security model**. The model achieves a secure communication by protecting sensitive data through encryption and enabling its retrieval through decryption.
  Tech. **Used**: Python, Tkinter, Random library.

- **Uttarakhand Tourism.** A full stack website which shows popular destinations of Uttarakhand and its culture.
  Tech. Used: HTML, CSS, JavaScript, Node.js.

Skills

- **Programming:** C/C++, Python, Java, SQL.
- **Tools & OS:** C++ STL, Python Libraries and framework, Java-swing, Git, Windows, Linux.
- **Technologies:** Web development (HTML, CSS & JS) & Machine Learning.
- **Dev tools:** VScode, Codeblocks, Pycharm, Text console.
- **Databases:** MongoDB, Relational Databases-MySQL, Oracle, SQLite.
- **Coursework**: Advanced Data Structures, Design & Analysis of Algorithms, Object-Oriented Programming, Operating System and Database Management System.
- **Soft Skills:** Problem Solving, adaptability, teamwork, effective communication and time management.

Achievements & Certifications

- **Coding Problems-** Solved 300+ DSA problems on Leetcode, GFG and Codestudio.
- **Hackerrank-** Earned a golden badge in C language.
- **Certification on-** Introduction to cybersecurity by Cisco, Data Structures & Algorithm using C++ and Web Development using JavaScript.

Extra-Curricular Activities

- **Management Head, Entrepreneur Club of GEHU-** Organized various competitions and workshops in collaboration with RICE.
- Participated in Hackathon, coding competitions & various Sports & Cultural events in University.