

NITESH SINGH MEHRA

+91-7895466788 niteshsinghmehra17@gmail.com Git Hub LeetCode

Education

Graphic Era Hill University	2022 – 2026
<i>Bachelor of Technology in Computer Science (CGPA: 7.94)</i>	<i>Bhimtal, Uttarakhand</i>
Maharishi Vidya Mandir	2020 – 2021
<i>Intermediate (82%)</i>	<i>Bageshwar, Uttarakhand</i>
Maharishi Vidya Mandir	2018– 2019
<i>Matriculation (83%)</i>	<i>Bageshwar, Uttarakhand</i>

COURSEWORK / SKILLS

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|--------------------------------|-----------------------|---------------------------|-------------------|
| • Data Structures & Algorithms | • Cryptography | System (DBMS) | • OOPS Concept |
| | • Database Management | • Artificial Intelligence | • Web Development |

PROJECTS

Custom C-Shell C, Linux System Programming	2025
<ul style="list-style-type: none">Built a custom UNIX-like command-line shell in C (C99) supporting command execution, piping, redirection, and background process management.Implemented core system-level programming concepts such as <code>fork()</code>, <code>exec()</code>, signals, and file handling, strengthening OS and process management knowledge.	

Face Recognition System Python, OpenCV, NumPy, Pandas, Matplotlib	2024
<ul style="list-style-type: none">Developed a real-time face recognition system in Jupyter Notebook using OpenCV for image processing and detection.Utilized NumPy and Pandas for efficient data handling and preprocessing, and Matplotlib for live visualization of recognition results.Enhanced understanding of computer vision, machine learning workflows, and Python-based data analysis.	

Skills

Programming Languages: C, Python, C++, HTML/CSS, JavaScript, SQL

Tools and Platforms: VS Code, Git,

Soft Skills: Leadership, Communication, Problem-Solving, Collaboration

EXTRACURRICULAR

Extracurricular Activities

Achieved **NCC 'A' Certificate**, demonstrating discipline, leadership, and commitment to national service. Regularly practice **Yoga and Meditation** for physical fitness, focus, and mental well-being.

Relevant Coursework

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|----------------------------------|-------------------------------|
| • Data Structures and Algorithms | • Object-Oriented Programming |
| • Machine Learning | • Statistics |
| • Database Management | • Mathematics |
| • Cryptography | |

Career Objective

A motivated and dedicated B.Tech 4th-year Computer Science Engineering student with a strong foundation in programming (C, C++, Python, JavaScript) and problem-solving. Passionate about software development and eager to apply my skills in real-world projects. Seeking an internship opportunity to gain hands-on experience, enhance my technical knowledge, and contribute effectively to a dynamic team. Open to roles in web development, software engineering, and data structures & algorithms.