Somendra Singh
Email-id : somendrasingh019@gmail.com
Mobile No.: 6397884500
https://www.linkedin.com/in/somendra-singh-/
https://github.com/SomenSin
https://leetcode.com/somendrasingh019/

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks (%)
2020 - 2024	Bachelors of technology	Graphic Era Hill University Dehradun	8/10.0
2020	Intermediate	Scholars Home Sr. sec. school	79 %
2018	High School	Scholars Home Sr. sec. school	75.5 %

ACHIEVEMENT

- **Research Paper** Completed Research work in Secure Hash Algorithm (SHA) 512 for encryption process on web-based applications and its comparison with the MD5 encryption method.

- Solved **300+ problems** on various coding platforms i.e. LeetCode, Geeks For Geeks, Coding Ninjas.

- **Upcoming Author**: Writing a **Moral story e-book** titled **"The Right Way"** for children.

PROJECTS

- **YouTube Video Bookmark Extension**:
  Developed a web extension that stores the time stamps of YouTube videos, which is useful for preserving a key part of a video for later access.
  Technology used: **HTML5**, **CSS3** and **Javascript**.

- **Emotional Music Player**:
  Created a command-line interface that plays music according to the user's inputted emotions (mood).
  The technology used: **Java**.

- **Random Password Generator**:
  Created a password generator that generates pseudo-random numbers (strings) and showed how strong it is in terms of strength.
  The technology used: **C++**.

CERTIFICATES

- Technical Support Fundamentals -By **Google** (Six Weeks)

- Dev Town **Full Stack** (Three Months)

- **TCS iON Career Edge** - Young Professional (Two Weeks)

INTERNSHIPS

- **VLAN Setup Implementation Training : Research Head** for Implementation of VLAN (Virtual LAN) in a network for better security, access control and internet speed management in Graphic Era Hill University. (GEHU, Nov 2022 - Jan 2023)

- **DU Buddy Web Devlopment Internship** : Conducted comprehensive code reviews at DU Buddy, ensuring accuracy and adherence to coding standards. Proficiently evaluated front-end functionality for optimal user experience. Contributed to the refinement of Software Requirements Specification (SRS) documentation, enchancing project clarity and alignment. (Aug 10, 2023 - Nov 10, 2023)

TECHNICAL SKILLS

- **Languages**: **C++** (proficient), **C** (proficient), **Java** (intermediate), **Python** (Beginner) **Javascript** (Beginner),**HTML**, **SQL**.

- **Tools**: DEV-C++, NetBeans IDE, VS Code, Oracle Virtual Box

- **Ethical Hacking Tools**: Wireshark, FTK Imager, HashCalc

- **Operating System**: Windows, Linux, MAC

Relevant Coursework

- Data Structures and Algorithms

- Database Management

- Cyber Security

- Compiler Design

- Software Engineering

- Operating System

EXTRA CURRICULUM ACTIVITY

- National Service Scheme (**NSS**) member. Organized various **college, national, and international events.** Responsibilities included **planning, coordinating**, and **executing events** to ensure their success.
- **Blood Donor** in Indian Medical Association **(IMA)** camps.
- Rated **900-1000+** in Chess.com.