SARTHAK SHARMA

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EDUCATION

Graphic Era Hill University	**Bhimtal, Uttarakhand**
B.Tech (Computer Science and Engineering): 9.01/ 10.00	*Aug 2019 – Jun 2023*
Amtul's Public School	**Nainital, Uttarakhand**
Intermediate (PCM): 94%	*Apr 2018 – May 2019*
Sanwal Public School	**Nainital, Uttarakhand**
High School: 8.8/ 10.0	*Apr 2016 – May 2017*

EXPERIENCE

Teaching Assistant   **Aug, 2021 – July, 2022**

WeCode Club (Graphic Era Hill University, Bhimtal)   *certificate*

- Successfully served as Open Source Contributor to a variety of domain such as competitive programming and DSA for 200+ Juniors.
- Organised various coding contests and served as problem setter and tester.
- Conducted various workshops and seminars.

Web-Development-intern   **6 July, 2022 – 6 Sep, 2022**

TickTech IT Solutions (Remote)   *certificate*

- Worked on Company Website Clone, which is based on realtime management of the employees.
- Developed using HTML, CSS, JavaScript, Bootstrap, Python, Xampp Server, Mysql.
- Worked under team and responsible for direct involvement in elements of design, development and maintenance.

PROJECTS

1. **Attendance Monitoring System** | *Python, Open-CV, My SQL*   (access)
   - Developed an Attendance System using python which is used to mark attendance by face recognizing Algorithm.
   - Use facial recognition technology to identify and verify a person using the person's facial features and automatically mark attendance.
   - Admin portal to manage users and attendance.

2. **Online Quiz Website** | *HTML, CSS, JavaScript, PHP*   (access)
   - Developed an online quiz website using HTML, CSS, JavaScript and PHP, to provide service as to conduct online quiz.
   - A web based platform that can be used by Admin at any remote location to efficiently evaluate the candidate progress.

3. **Covid-19 World Visualizer** | *HTML, CSS, JavaScript, Map box*   (access)
   - Designed a Covid-19 World Visualizer Web-based project to visualize the covid-19 situations across different countries of the world.
   - Map box GL JS is a client-side JavaScript library, used for building web map so to show the country wise covid-19 cases.

4. **Multi User Chatting Website** | *HTML, CSS, JavaScript, NodeJs*   (access)
   - Designed a Multi User Chatting Website that enables users to instant message and connect with each other through their computers or mobile devices.
   - Used Node.js for the back end, which is responsible for creating room and managing users in the room. Used Socket.io to enable real-time, bidirectional communication between the web server and the client.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, HTML, CSS, JavaScript.
Frameworks: SocketIO, NodeJs, Django, Map box GL JS, Bootstrap.
Developer Tools: Git/GitHub, VS Code.
Additional: SQL, Data Structures & Algorithms.

ACHIEVEMENTS

- **5 STAR** at **Code Chef** (Secured global rank **24** out of **19000+ participants** in **CodeChef Oct Starters 59 2022**).
- **Specialist** at **Codeforces** (Secured global rank **738** out of **26000+ participants** in **Codeforces Round #828 2022**).
- Solved **700+** question on **Leetcode**.
- Won the title of **Nurture Tek Knight** through the **"ReCogNurize 2.0"** challenge by Cognizant.
- Secured Global rank **77** out of **400K+** participants in **Code Gladiators 2022** by TechGig.