SAGAR PATIDAR

Master of Computer Applications (MCA)
Gender: Male
Date of Birth: 19/12/2002
E-mail : tp@nitt.edu
Contact : +91-431-2501081

Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	MCA	NIT, Trichy	7.66*
2021	BCA	Govt. Nirbhay Singh Patel Sc. College, Indore, M.P	72.04%
2018	Class XII	Gurukul Convent H.S. School, Nalkheda, MPBSE	84.00%
2016	Class X	Gurukul Convent H.S School, Nalkheda, MPBSE	86.50%

Academic Achievements

- Secured **All India Rank 20** in NIMCET 2021. (**Rank Card**)
- Selected in **BIT** MCA Entrance Exam 2021.
- Ranked in the top 15% of users on the global platform Leetcode with 1650+ rating and solved over 430+ problems. (**Profile link**)
- 6 star in Problem Solving, 5 star in C++, and 4 star in C and SQL on **Hackerrank**. (**Profile link**).
- Selected for Mukhyamantri Medhavi Yojana + Rs.25,000 cash reward for excellent performance in class 12th board.

Projects

- **R&C Dean (NIT TRICHY):**   *May 2022*

  It is a portal for the dean and faculties of NIT TRICHY used for the purpose of sending some confidential files. It is a group work which reduces the human effort of sending and receiving files, based on the web technologies. It includes some features like project file upload, file tracking, admin and user mode based on intranet.
  Tech: **React JS**, **Express JS**, and **MySQL**.

- **Collaborative – Board:**   *Nov 2021*

  This is an online whiteboard enable writing and erasing content on the board and is used by multiple users that enable student's group study in virtual mode. As anyone can write on the board simultaneously and see others content as well.
  Tech: **HTML/CSS**, **Node JS**.

- **Hand Gesture Recognition:** *Oct 2022*

  Developed a program for controlling the mouse movement using Python and OpenCV with a real-time camera that detects hand landmarks, tracks gesture patterns instead of a physical mouse.
  Tech: **Python**, **OpenCV**, **MediaPipe**, and **AutoPy**.

Areas of interest

- Data Structures & Algorithms : Solved over 1000+ problem across global coding platforms
  (GeeksForGeeks, Leetcode, Codechef, Hackerrank, Codestudio)
- Competitive Programming
- Operating System
- Object Oriented Programming Concepts
- Database Management System

Technical Skills and Certifications

- Programming Languages : C, C++, Python (Basic)
- Other Software   : Microsoft Word, Visual Studio, Adobe Photoshop, Canva, VN editor
- Certifications   : 1. Certificate of **Problem Solving (Basic)** issued by **Hackerrank. (Link)**
                           2. Certificate of **C & C++** issued by **SSi Digital**. (**Link**)

Positions of Responsibility

- **Manager at AAYAAM – The Hindi Cell of NITT** *Sept 2022 - Present*

  Currently serving as a dedicated manager in vibrant cultural club AAYAAM. Managing all aspects of operations, event planning, and committed to delivering exceptional experiences for club members. Conducted 2 successful events (Dandiya Nights, Holi Hungama).

Extracurricular Activities

Social Activities: *Dec 2022 - Present*
- An active member of **Prakruti Club NITT**, feeding dogs on regular basis inside campus and helping the animal welfare team.