SOURADIP MANDAL

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Mechanical Engineering IIT (BHU), Varanasi	9.56	2023

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.15	9.95	9.50	9.65	-	-	-	-

CBSE (XII)	Mount Carmel School, Dwarka, New Delhi					96.60	2018
CBSE (X)	Mount Carmel School, Dwarka, New Delhi					95.00	2016

SKILLS

- **Front End :** HTML, CSS , Bootstrap, JavaScript
- **Back End :** NodeJs, Express, MongoDB
- **Languages and Tech :** C++, Data Structures, Algorithms, OOP, Problem Solving

PROJECTS

Vaccine Notifier
May' 21

Website : [Vaccine-info](#)

- **Features :** A **Vaccine-Notifier** which sends email alerts whenever a slot is available in the nearby vaccination centres. It uses **Cowin APIs** to fetch real-time Data. Includes additional features like check available slots, Covid-19 **live statistics** and **Latest news** related to Covid.
- **Tech stack used :** HTML, CSS, bootstrap, JavaScript, NodeJS, node-mailer, MongoDB

CF-Analyzer
April'21

Website : [CF-Analyzer](#)

- **Features :** Provides a **visual analysis** of your progress on CodeForces coding platform using the **CodeForces API** and **Google Chart API**. Additionally, it provides a **Random Problem Generator** as per your strong and weak topics.
- **Tech stack used :** HTML, CSS, bootstrap, Javascript, NodeJS, CodeForces API, Google Chart API

Segment Tree Library
June' 21

- **Features :** A **Segment Tree Library** which supports operations like querying for **min, max, sum, gcd** , along with **updates.**
- **Tech stack used :** Written in C++, Object Oriented Programming

POSITION OF RESPONSIBILITY

Member, Club of Programmers, Science and Technology Council
Aug' 20 - Present

- Part of Competitive Programming Group, Club of Programmers (COPS) responsible for making video editorials for **official COPS YouTube Channel** for Codeforces Rounds.

HONOURS AND ACHIEVEMENTS

Google Codejam 2021

- Qualified to **Round 2** (Top 4.5K out of 37K participants) **Ranked 1162 in Round 1**

Special Mention by Team CUC IIT(BHU)

- Our project [Vaccine-info](#) got a special mention by team **CUC IIT(BHU)** on their [website](#)

Google Kickstart

- Secured a global rank of **398** in Google Kickstart 2020 Round H.
- Secured a global rank of **413** in Google Kickstart 2021 Round A.
- Secured a global rank of **544** in Google Kickstart 2021 Round B.

Competitive Programming

- **Codeforces :** Candidate Master **(*max rating* 1907)** Handle : [CosAlpha](#)
- **Code Chef :** 5 star Coder **(*max rating* 2019)** Handle : [deep_0926](#)

KVPY 2016

- Cleared Round 1 of **KVPY 2016** SA stream (Among **top 1200** candidates out of 1.2 Lakh+ candidates).

JEE Advanced 2019

- Secured a Rank of **3334** out of 1.5 Lakh+ candidates.

EXTRA-CURRICULAR ACTIVITIES

Sketching and Painting
April'15 - Feb' 17

- Trained in **Fine Arts (Sketching and Painting)** from Surabharti Sangeet Parishad.

T: 9871663984 **E:** souradipmandal0926@gmail.com **Address:** H 1/3, Mahavir Enclave, Near Sulabh International, New Delhi 110045