

# AMOL SAMOTA

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Mining Engineering IIT (BHU), Varanasi	7.86	2022
CBSE (XII)	MDS Public School, Udaipur	88.00	2018
CBSE (X)	Maharana Mewar Public School, Udaipur	95.00	2016

## SKILLS

**LANGUAGES:** C++

**AREAS OF INTEREST:** Competitive Programming, Web development

**TECHNOLOGIES:** Data Structures, Algorithms, OOPs, Operating Systems, DBMS, SQL, Computer Networks

**RELEVANT PROFILES:** [Portfolio](#), [GitHub](#), [LinkedIn](#), [Codeforces](#), [Leetcode](#)

## INTERNSHIP/TRAINING

### Software Development Intern, COOX, Noida

May'21 - July'21

*Exposure: Frontend Development, Migration, API Integration, SEO*

- Developed a **Booking Flow** to view, book, and pay chef for a particular cuisine and, dish. Automated the flow using **React, Redux, TypeScript** and, **Bootstrap**.
- Migrated the existing website to **Next.js** for **server-side rendering** and enhanced **SEO benefits** thus increasing SEO index from **24** to **73** and website performance from **64** to **90**.
- Improved user experience by creating/organizing different features like a profile page, reschedule the booking, etc. Worked with popular react packages such as **Step Wizard, Moment.js**.

### Full Stack Intern, Nature's Wonder

May'20 - Jul'20

*Exposure: Frontend Development, Backend Development, Deployment*

- Developed a flow in **Reactjs** for users to purchase different organic products. Built APIs with **Expressjs** and **Nodejs** for managing data of products & orders in **MongoDB** atlas with **mongoose** ORM.
- Added **token-based** user authentication and used **bcryptjs** for hashing the password.
- Built an **admin panel** to **create, view, categorize, and delete** different users, products, & orders.
- Integrated features such as **Google Maps API, Socket.io** for an enhanced user experience.

## PROJECTS

### Email Scheduler Web App

- Built a web app that allows users **schedule emails** or send **recurring emails** to multiple receivers.
- Cron job scheduler** is used in the backend for sending and receiving emails at a given time. [Link](#)
- Centralizing authentication in Frontend using **Firebase** and **Redux**. For the database, **MongoDB** atlas was used. The app is deployed using **Heroku** and **Netlify**.

### COVID-19 Tracker Web App

- Built Covid Tracker web app which shows real-time daily stats of covid cases across the globe. Used **Disease.sh API** to show country-wise data of the past 120 days. [Link](#)
- Worked with packages such as **React-Leaflet, Chart.js** to present data in an animated manner.

### Game Development with C++ and SFML

- Created an application comprising of single and multiplayer games like Snake Game, Ball-Brick, Connect4, and Tic-Tac-Toe using **C++** and **SFML(Simple Fast Multimedia Library)**. [Link](#)

## POSITION OF RESPONSIBILITY

### Literary Secretary , Department of Mining Engineering

Sep'19 - Apr'20

- Coordinated with faculties of BHU on different occasions to organize debates & literary activities.

### Marketing Executive

Jan'20 - Mar'20

- Responsible for bringing in major sponsors for the MINFEST, received special mentions from convenor.

## HONOURS AND ACHIEVEMENTS

- Secured State Rank **72** out of **25000+** participants in **National Talent Search Exam(NTSE)**.
- Solved over **2000+** CP questions on platforms such as **Codeforces, Leetcode, GFG, InterviewBit**.
- Secured **741st** position out of **28843** participants globally in Codeforces Round #734.
- Specialist** on Codeforces (max rating **1497**) and Leetcode (max rating **1683**).

## EXTRA-CURRICULAR ACTIVITIES

- Panel Member of Outreach Club of IIT(BHU).
- Member of Chess Club of IIT(BHU).

**T:** 9461921011 **E:** samota.amol.21apr@gmail.com **Address:** Udaipur, 313001, Rajasthan