

# Sarthak Shukla

Second Year Undergraduate  
Department of Computer Science and Engineering  
✉ sarthakshukla.eddy@gmail.com  
☎ +91-8004683957



Indian Institute of  
Information Technology, Nagpur

## EDUCATION

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<b>Indian Institute of Information Technology, Nagpur</b> B.Tech in Computer Science and Engineering (CGPA:9.45/10)	<i>2018 - 2022*</i>
<b>Mother Teresa Mission Higher Secondary School, Kanpur</b> Senior Secondary (95.7%)	<i>2016-2018</i>
<b>Mother Teresa Mission Higher Secondary School, Kanpur</b> Secondary (96.2%)	<i>2014-2016</i>

## EXPERIENCE

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<b>NJACK WINTER OF CODE</b> Participated in NJACK Winter of Code organised by Indian Institute of Technology, Patna on the lines of Google Summer of Code. Contributed to projects like <b>nwoc-algorithms</b> , <b>learn-for-free</b> .	Dec 2019 - Jan 2020
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## INTERESTS

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Data Structures, Algorithms, Problem Solving, Competitive Programming, Software Development.

## SPORT PROGRAMMING

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Codechef: [sarthak\\_eddy](#)  
Codeforces: [sarthak\\_eddy](#)  
Atcoder: [sarthak\\_eddy](#)

## PROJECTS UNDERTAKEN

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**Codeforces Profile Viewer** : A Profile Viewer in Python which displays basic information of user, rating changes of user in a particular contest, excel file for user's contest history. For fetching data Codeforces API is used in JSON.

**Linux Mini Terminal** : A Linux terminal implemented in C programming language using concepts of fork, exec, signals, pipes etc. Different kinds of interrupts were also handled.

**Music Player** : A django based music player app, which provides functionality of upload, store and play music by storing on cloud.

**DotSlash Community Website**: Designed the dotslash community website, where the first year student had the option to practice the questions, discuss any doubts and details about the contest conduct by community.

**Online Shopping Management System** : An Online Shopping Management system implemented using concepts of OOPs and file handling for storing data in C++.

**Data Management System** : A student record data management system implemented using AVL trees and Linked Lists and file handling for storing data in C.

## TECHNICAL SKILLS

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**Programming Languages:**

Day to day: C, C++, Java

Familiar: Python

**Web Tech:** HTML, CSS

**Tools and Frameworks:** Django, GIT, Vim, L<sup>A</sup>T<sub>E</sub>X

**Platform:** Linux, Windows

## ACHIEVEMENTS

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Four star (1983 rating) on Codechef.

Specialist (1509 rating) on Codechef.

Tester and Setter in Codechef programming contest.

Teaching Assistant in December 2019 to mentor freshers in competitive programming.

Ranked 3rd in college in Inter-IIIT Coding Competition by IIIT Una.

Ranked 13th in NJACK Winter of Code.

Won 1st prize in Coding Competition organised by our college.

## POSITION OF RESPONSIBILITY


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Co Secretary and Educator of Programming Community at IIIT Nagpur "dotslash Community".

## PROFILE LINKS

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