

Sarthak Shukla

Second Year Undergraduate
Department of Computer Science and Engineering
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Indian Institute of
Information Technology, Nagpur

EDUCATION

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

INTERESTS

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

SPORT PROGRAMMING

Codechef: [sarthak_eddy](#)
Codeforces: [sarthak_eddy](#)
Atcoder: [sarthak_eddy](#)

PROJECTS UNDERTAKEN

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

Programming Languages:

Day to day: C, C++, Java

Familiar: Python

Web Tech: HTML, CSS**Tools and Frameworks:** Django, GIT, Vim, L^AT_EX**Platform:** Linux, Windows

COURSEWORK

Computer Programming, Data Structures, Advanced Data Structures, Discrete Mathematics*, Computer System Organization, Object Oriented Programming, Application Programming, Design and Analysis of Algorithms*, Operating System*, Software Engineering*.

* means currently pursuing.

ACHIEVEMENTS

Four star (1892 rating) on Codechef, among top 4.65% in world.

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.

EXTRA CURRICULAR ACTIVITIES

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

Volunteered as coordinator in Abhivyakti, cultural fest, held in college.

PROFILE LINKS

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