

Abhishek Kumar

A software engineer, technophile, self-determined and quick learner with innovative problem-solving skills and the ability to work with a team.

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EDUCATION

B.Tech in Information Technology

Netaji Subhash Engineering College, Kolkata

06/2018 - Present

8.64/10 CGPA

HSC(12th)

Nalanda College, Bihar Sharif

04/2016 - 03/2018

63.4

AISSC(10th)

East Delhi Public Sr. Sec. School, Ghaziabad

04/2014 - 03/2016

9.2/10 CGPA

PERSONAL PROJECTS

RSA File Encryption (06/2021 - Present)

- Used **128 bytes long private key** by using Euler theorem. 🔗

Encrypt ChatApp (03/2021 - Present) 🔗

- Chats encrypted with the OneTimePad algorithm.
- Tech stack - used **Vernam Cipher Encryption Algorithm & DES** (Data Encryption Standard).

Credit Manage Application (11/2018 - 02/2019)

- Allows smart access to **record and track payment arrangements**.
- Tech Stack - used **Php, HTML**.

ACTIVITIES

Problem Setter

Codechef Nsec Campus Chapter 🔗

Uploaded 10+ problems for Encoding event Nsec.

Volunteer

Phoenix - The Tech Club of Nsec

Volunteer

Google Developer Student Clubs Nsec

SKILLS

CPP

OOPS

DBMS

DATA STRUCTURE

ALGORITHM

CRYPTOGRAPHY

PYTHON

ACHIEVEMENTS

Secured rank 1113/28768 in Codechef August Challenge 2020 (08/2020)

Solved 6/9 problems and was one among 37 contestants to solve [CHEFCOMP](#).

Secured rank 886/26400 in Codechef July Challenge 2020 (07/2020)

Solved 6.5/10 problems and was one among 471 people to solve [DRGNDEN](#).

Participated in Google Foobar 2020 (05/2020)

Solved 6/9 problems.

Qualify for pre-final round of Smart India Hackathon 2020 (03/2020)

Had the privilege to submit proposal among 1000+ students.

Pre-finalist in Nasa Space App Challenge (12/2019)

3* coder at Codechef 🔗

Maximum rating 1794.

LANGUAGES

HINDI, ENGLISH, BENGALI

PROGRAMMING LANGUAGES

C, CPP, PYTHON

INTERESTS

WEB DEVELOPMENT

CRYPTOGRAPHY

COMPETITIVE PROGRAMMING