

Abhishek Kumar

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

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EDUCATION

Bachelor Of Technology | Information Technology

Netaji Subhash Engineering College, Kolkata

06/2018 - Present

8.64/10 CGPA

PERSONAL PROJECTS

Encrypt ChatApp (03/2021 - Present)

- Brings some curated features of Google Classroom and WhatsApp to the same place.
- Routine App which carry daily based routine and alert the students with colour based UI.
- Chats are encrypted with the OneTimePad algorithm.
- Tech stack - used **Vernam Cipher Encryption Algorithm & DES** (Data Encryption Standard).
- Database used - Realtime Firebase.

RSA File Encryption (06/2021 - Present)

- Used **128 bytes long private key** by using Euler theorem.
- Encrypt the text with the RSA algorithm and fasten the private key generation algorithm by constant time.
- Language used - Python.

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

- Allows smart access to **record and track payment arrangements**.
- Impacted my hostel friends in order to handle the daily expense.
- Tech Stack - used **PHP, HTML, MYSQL**.

EXPERIENCE

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

C

CPP

PYTHON

Data Structure

Algorithm

Object Oriented Programming

Problem Solving

Complexity Analysis

SQL Server

ACHIEVEMENTS

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

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

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

PROGRAMMING LANGUAGES

C, Cpp, Python

INTERESTS

Web Development

Cryptography

Competitive Programming