# 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.

abhishekkr8799@gmail.com

+91 8799714607

Noida, Uttar Pradesh

## EDUCATION

### Bachelor Of Technology | Information Technology

Netaji Subhash Engineering College, Kolkata

*06/2018 - Present*                    *8.64/10 CGPA*

## PERSONAL PROJECTS

RSA File Encryption. (05/2021 - 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.**
- Tech stack used - Asymmetric key cryptography, Python.

Garbage Manipulation( SIH 2020 ). (03/2020 - 03/2020)
- An application developed for municipal corporations used to manage the garbage efficiently classifies the image as containing garbage or not.
- Pushes the location traced with garbage on google map(local) which is further used by the corporation team to collect those garbage.
- I contributed to develop the web application which fetch the meta data of an image ang pushes them on google map API based on garbage status.
- Tech Stack Used - Django, Python.
- Database Used - Realtime Firebase.
- Tech Stack Used - Python, Asymmetric Key Cryptography.

## EXPERIENCE

### Software Engineer Intern
Telaverge Communications

*05/2022 - Present*

*Working on RESTFUL API application.*
- Wrote endpoints and maintain the documentation with swagger.
- Created endpoints UI with swaggerUI intergration.
- Automated the application with help of pexpect library.

### Associate Software Engineer Trainee
Ernst & Young ⬈

*02/2022 - 04/2022*

*Developed an insurance-based application based on the layered architecture(multi-tiered) concept.*

## SKILLS

C | CPP | PYTHON | Data Structure

Algorithm | MYSQL | MARIADB | C#

Database Management System(DBMS)

Object Oriented Programming(OOPS)

Problem Solving | Linux | Scrum

## ACHIEVEMENTS

Secured rank 886/26400 in Codechef July Challange 2020 (07/2020)
*Solved 6.5/10 problems and was one among 471 people to solve DRGNDEN.*

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 Challange (12/2019)

3* coder at Codechef ⬈
*Maximum rating 1794.*

## LANGUAGES

HINDI, ENGLISH

## PROGRAMMING LANGUAGES

C, Cpp, Python

## INTERESTS

Competitive Programming | Cryptography

Web Development | Mobile Application