



Kunal Attri

Student

Engineering Student with excellent problem solving skills and ability to perform well in a team. Passionate about coding and have a vision to develop efficient technologies for the betterment of society.

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EDUCATION

Bachelor of Technology (Computer Science)

VIT Bhopal University

10/2020 - 06/2024

Bhopal, India

Courses

- Current GPA : 9.14

School Education (CBSE)

Army Public School, Shankar Vihar

04/2008 - 03/2020

Delhi, India

Courses

- Class XII (PCMB) : 90.2%
- Class X (2017-18) : 91.6%

PERSONAL PROJECTS

Quizzer (05/2021 - 12/2021) [🔗](#)

- Android application for quizzing.
- Has 2 sides - User, Admin, each with their respective functionalities.
- App data is hosted using Google Firebase, Cloud Storage and Authentication
- App can support questions of types: MCQ, True/False, Multi-Correct. etc.

File Encryptor cum Decryptor using private Keys (12/2021 - Present) [🔗](#)

- Python program to encrypt any file and generate a private key for it.
- File can only be decrypted again using the key file.
- For encryption, symmetric cryptography was used using keys.

Account - Password Safe Storage (08/2020 - 10/2020) [🔗](#)

- Python GUI application for safe storage of any user's Account ID's and Passwords.
- It uses basic symmetric cryptography to store them safely locally on the device.

School Manager (07/2020 - 12/2020) [🔗](#)

- Python application which could be used to manage a school's workforce.
- Cryptography was used for secure storage of passwords, and school data.

WORK EXPERIENCE

ATL Ambassador

Army Public School, Shankar Vihar

04/2019 - 03/2020

Delhi, India

Achievements/Tasks

- Represented my school in various programs, conferences, quizzes, competitions, etc.
- Mentored junior students about various equipments, boards, etc and how to use them in various application.
- Won a lot of competitions including Drone Racing, Tinkerfest GD Goenka, Technology Quiz, etc.
- Also leaded a group of students to internationals of RoboCup Junior.

SKILLS

Android Development

Arduino

Assembly Language

Linux

Git

Raspberry PI

MySQL

Cryptography

Operating Systems

ACHIEVEMENTS

KHOJ Workshop at IIT Jammu (06/2019 - 07/2019) [🔗](#)

Workshop on Physical Computing and Embedded Systems held from Jun 24, 2019 - Jul 05, 2019 by NSUT, Delhi at IIT Jammu.

House Captain (Buddha House) (04/2018 - 03/2019)

Elected as Captain for Buddha House in APS, SV. I managed and represented my house with utmost responsibility. Also took my house to a lot of positions in many extra-curricular Inter-house competitions while giving a fair chance to all members of my house. Our house also represented our school in various Inter-APS competitions.

POCSO Committee Student Representative (APS, SV) (09/2017 - 03/2020)

Appointed as the Student Representative for the POCSO Committee of my school APS, SV. In the committee, we organized various events for primary and middle school students relating to the topic. Also placed attractive boards and posters at strategic locations in the school showcasing related topics.

CERTIFICATES

Python Programming - Reptile But Versatile - Annual TAPSFEST at APS, Dhaula Kuan (08/2019) [🔗](#)

Second Position

Drone Racing - Tinkerfest at APS, SV (12/2019)

First Position

Inter-house Science Quiz (12/2018) [🔗](#)

First Position

National Safety Science Quiz by UL (09/2018)

Second Position

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

German

Elementary Proficiency

PROGRAMMING LANGUAGES

Python

C++

HTML/CSS

Java (Intermediate)

Kotlin (Basics)

JavaScript (Basics)