



Swarup Basak

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EDUCATION

BE ELECTRONICS and COMPUTER ENGG. THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY

09/2020 - Present

CGPA- 8.57

ISC DON BOSCO SCHOOL

2018 - 2020

Percentage- 94.5%

ICSE DON BOSCO SCHOOL

2018

Percentage- 95%

POSITIONS OF RESPONSIBILITY

FINE ARTS AND PHOTOGRAPHY SOCIETY PHOTOGRAPHY HEAD

10/2020 - Present

Achievements/Tasks

- **Core** member of the oldest and most reputed **creative society** of Thapar with 100+ students
- Organized **photography workshops** , **photo-walks** and **contests**
- **Photographer**, **Videographer** and **Video Editor**

TEAM FATEH (FORMULA STUDENT TIET) MEDIA DEPT

02/2022 - Present

Achievements/Tasks

- **Photographer** , **Videographer** and **Video Editor**
- **Management** and **Media** department
- Manages the content of **social media** handles of Team Fateh

SKILLS

Java

C

C++

Flutter

Android Studio

Dart

Adobe Lightroom

Da Vinci Resolve

Adobe Photoshop

PROJECTS

AENIGMA | ANDROID STUDIO, JAVA

- An android **keyboard** that enables **encrypted communication** with ease for the day-to-day userImplemented **AES** encryption using Java
- Allows users to create custom encryption keys and store them using shared-preferences
- Created with ease of usage in mind, users can encrypt/decrypt the messages through a special button on the keyboard

CRYPTOTTRAQ | FLUTTER, FIREBASE, DART

- An one stop app for all your digital investments which tracks your **crypto transactions** and provides you with necessary **analysis**
- Provides users with relevant **news** and **prices** of a wide variety of coins hosted on different markets to help them with their trading game-plan
- Calculates the **taxes** from the users transaction history according to government policies

ACHIEVEMENTS

HACKTU 2.0 | FIRST RUNNER UP

Won second prize in an inter-college hackathon competing with 60+ teams. Created the hack called 'AEnigma,' an encryption keyboard. Received a special mention of 'GameChanger'.

INTERNATIONAL MATHEMATICS OLYMPIAD | STATE LEVEL