

# ANKUR ROY

SOFTWARE DEVELOPER

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## Skills

C++, Python, Java, Kotlin, Dart, Linux, git, MVVM, Android, Flutter, Data Science, ML, AI.

## Education

Ram Lal Anand College, University of Delhi | 07/2017 - 10/2020

BSc with honours in Computer Science

Minor in Mathematics

Current score 8.32 CGPA

Sant Nirankari Public School, Nirankari Colony | CBSE

Physics, Mathematics, Chemistry, Computer Science, English

Standard XII 90.5% [2017]

Standard X 8.8 CGPA [2015]

## Projects

### Gharelu Chat

A Flutter based cross platform social media application for pregnant women and family. Live location, medical visit scheduler, report and prescription manager, location based friends locator, emergency mode.

Platform: Dart, Flutter.

### Colour Blind Filter

Cross platform application to diagnose color vision deficiency with the help of ML and create a user specific color filter for the device.

Platform: Dart, Flutter.

### Yoga Trainer

A Flutter based cross platform BMI Calculator and a fitness application with fitness remedies and diet tracker.

Platform: Dart, Flutter.

### Instrument Tuner

A musical instrument tuner and simulator with tones of different musical instruments, recording and sharing ability.

Platform: Dart, Flutter.

### Attendance Tracker

A Time table managing and attendance tracking android application that keeps track of student's *attendance*, alerts for short attendance and calculates marks of attendance.

Platform: Kotlin, Android.

### Multi-Directional Wind Turbine

A smart wind turbine designed to generate energy from the irregular winds coming from different directions. Automatically modifies wingspan and shape to reduce air drag and maximize energy output. Modular and compact design to reduce transportation and installation cost.

## Volunteer Experience

### **Android Developer Group, Delhi | 2019 – Present**

An active and enthusiastic member of the society, organize meetups every month and aware developers about upcoming cutting-edge technologies.

### **Sant Nirankari Mission | 2014 – Present**

- Annual Samagam: Member of Digital Team, designed posters for the event.
- Children welfare Function: Organizer and event planner for the toddler's function.
- Blood Bank Campaign: Managing registration and assisting donators and staff for the day.

## Activities

### **Marketing Head, Automata | 2020**

Inter-college science symposium

Lead marketing for the event using previous year participant's databases. Gather more than 200 students with 43 percent of participants from non technical streams.

### **Marketing Head, Automata | 2020**

Inter-college science symposium

Won model making competition and was able to double the society budget.

### **President, School Physics Society | 2016 - 2017**

Won model making competition and was able to double the society budget.

### **Winner, Best Science Model Award | 2016 - 2017**

Intra school model making competition.

### **Captain, School Kho-Kho Team | 2015 - 2017**

Best runner, Member since 2013