

## + education

IIIT-Delhi  
B.Tech Electronics and  
Communication  
Engineering 2020

9.4 CGPA

Sanskriti School  
CBSE AISSCE 2016

93.8%

Sarala Birla Gyan Jyoti,  
Guwahati

CBSE 10th 2014

10 CGPA

## + skills

**LANGUAGES:** Python, Java,  
Ruby

**TOOLS AND TECHNOLOGIES:**  
MATLAB, HTML, CSS,  
Ruby on Rails, Arduino IDE,  
Verilog, Android Studio

## + volunteering

Pravah Sep 2014  
Kotabagh, Uttarakhand,  
India

A Rural Sensitization Trip to  
Kotabagh, Uttarakhand, India.  
Lived in Talia and Syat villages  
of Uttarakhand to understand  
rural life; undertook building of  
a hill-side road, preparation of

## + projects

Multi-Game Platform using Arduino Oct 2016 to Dec 2016  
A platform to play four different games via Arduino and LED display.

Musical Note Generator Dec 2016  
Generates musical notes using sensors controlled by Arduino

iDabba Dec 2016 to Apr 2017  
A smart container for food that detects the items kept inside it using  
Computer Vision and Machine Learning Algorithms and checks the  
environmental conditions around it, updating the user on a web-app.

CardioSol Feb 2017  
Detects the probability of a Patient suffering from Tachycardia, by  
measuring the Heart bpm using the webcam of the Computer using  
Computer Vision and a questionnaire

getcheqd Mar 2017  
A fully-functional medical solution ATM idea proposal, at the  
CAMTech-X hackathon held in IIIT-Delhi.

Google Android CS Feb 2017 to Mar 2017  
A set of Android games developed in the Google Android CS  
workshop, implementing several algorithms in Java.

## + activities

Student Senate • Member Aug 2016 to Mar 2017  
Representative of the 2016 Batch in the Student Senate, IIIT-Delhi.

CAMTech-X Hackathon • Organizer Mar 2016  
Organizer for the CAMTech-X Hackathon that took place on the 11th-12th of March

Aurora, the UAV club of IIITD • Member Nov 2016 to Dec 2016  
Researched and Analyzed the Technical Paper requirements, which involves the co-  
operation of all modules of the Team.  
Worked on Image Processing techniques for live streaming videos like Edge and Blob  
detection, and created Data Sets for comparing Image Outputs.

hackIIITD • Volunteer Aug 2016  
Conducted hackIIITD, hackathon in Esya (the IIITD technical fest) which saw a  
participation of more than 30 teams

Women Who Code Delhi • Key Team Member Jan 2017 to Current  
Currently working on empowering women in several fields of Computer Science by  
holding events and talks.