

# Tanuj Agarwal

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## EDUCATION

### IIT JODHPUR

SOPHOMORE YEAR BTECH IN  
 COMPUTER SCIENCE & ENGINEERING  
 Expected 2022 | Jodhpur, India  
 GPA 9.17/10 (upto 3<sup>rd</sup> sem)

### DON BOSCO, PANBAZAR

CLASS 12 | CBSE  
 2018 | Guwahati, India  
 Percentage: 93%

### DON BOSCO, PANBAZAR

CLASS 10 | CBSE  
 2016 | Guwahati, India  
 CGPA: 10

## LINKS

Github:// [Tanuj22](#)  
 LinkedIn:// [tanujagarwal22](#)

## COURSEWORK

### UNDERGRADUATE

C Programming  
 Discrete Mathematics  
 Linear Algebra and Calculus  
 Object Oriented Analysis and Design  
 Data Structures and Algorithms  
 Theory of Computation\*  
 Computer Architecture and Org\*  
 Software Engineering\*

\*Ongoing courses

## SKILLS

### PROGRAMMING

Proficient  
 • C/C++ • Python • JavaScript  
 Familiar  
 • Solidity • SQL

### WEB

• Django • Rest  
 • VueJS • ReactJS

### DEVOPS

• Continuous Integration • Docker  
 • AWS • PostgreSQL

### UTILITIES

• Git • Linux Shell Utilities • SSH

## EXPERIENCE

### CREATIVE COMMONS | OPEN SOURCE CONTRIBUTOR

- Contributed to various Repositories of the organization. [Github](#)

## PROJECTS

### FACE ATTENDANCE SYSTEM | B.TECH PROJECT

Mentor: Dr Anand Mishra

- Platform for taking attendance of students using face recognition
- Uses **MTCNN**, **LightCNN**, **FaceNet**, **ArcFace** for face detection and face matching.
- Built a Web portal using **Django**, **VueJS**

### CDC PORTAL | PORTAL FOR CAREER DEVELOPMENT CELL, IITJ

Deployed at [spc.iitj.ac.in](#) | Open Sourced, [Github](#)

- Contributed to the portal to automate and streamline end to end placement procedure of **500+** students and recruiters in 2019-20
- Worked with a team of 5 programmers and 50+ core members.
- Technologies: **Django**, **HTML/CSS**, **JavaScript**

### TA-MANAGEMENT PORTAL | PORTAL FOR MANAGING TAs

Open Sourced, [Github](#)

- Platform for managing and assigning TAs for courses in IIT Jodhpur
- Technologies: **Django**, **VueJS**, **Docker**

### IGNUS | PORTAL FOR ANNUAL COLLEGE CULTURAL FESTIVAL, IITJ

Deployed at [ignus.org](#)

- Portal for registration and management of participants in College Cultural Fest
- Collaborated with 3 other programmers, under a core team of 40 people
- Technologies: **Django**, **HTML/CSS**, **JavaScript**

### VIRTUAL EVS | BLOCKCHAIN BASED VOTING SYSTEM | MICROSOFT CODE.FUN.DO 2019 HACKATHON PROJECT

Open Sourced, [Github](#)

- Secure Voter & Candidate Registration, Remote voting & Expedite Vote Counting
- Technologies: **Solidity**, **ReactJS**, **NextJS**, **Web3**, **Azure Blockchain Service**

## ACHIEVEMENTS

- 2020 Secured **1st position** in 36 hours Software Hackathon conducted during the annual technical fest Prometeo of IIT Jodhpur. Open Sourced, [Github](#)
- 2018 JEE Advanced **AIR 2583** among top 0.2%
- 2018 Assam CEE **Rank 2**

## POSITIONS OF RESPONSIBILITIES

- IGNUS 2020 - Web Development Head**
- FRAME-X - Vice Captian**

## EXTRACURRICULAR

- Core Member of [DevUp Labs](#), an open source community of students of IITJ