

# Md Sahil

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## EDUCATION

### BE IN COMPUTER SCIENCE AND ENGINEERING

2017 - 2021 (EXPECTED) | JADAVPUR UNIVERSITY, KOLKATA  
 CGPA (5 sems): 8.196

### AISSCE (CLASS 12)

2017 | D.A.V MODEL SCHOOL, DURGAPUR  
 (Physics, Chemistry, Mathematics, Computer Science, English)  
 Percentage: 94.4%

### AISSE (CLASS 10)

2015 | D.A.V PUBLIC SCHOOL, DUBRAJPUR  
 (Science, Social Science, Foundation of I.T., Mathematics, English  
 Comm., Bengali)  
 CGPA: 10

## WORK EXPERIENCE

### AMAZON INTERN

April 2020 - June 2020 (2 months)

### AMAZON VIRTUAL INTERNSHIP PROGRAM

Created an Interview management system using AWS services

## PROJECTS

### MULTI/MANY OBJECTIVE OPTIMIZATION

July 2019, in progress  
 Under Dr. Ujjwal Mallik, Department of CSE, Jadavpur University  
 Working on improving an algorithm called AMOSA (Archived Multi  
 Objective Simulated Annealing)

### FRAME INTERPOLATION IN VIDEO

July 2020, currently in early stages  
 Under Dr. Sanjay Kumar Saha, Department of CSE, Jadavpur University  
 Experimenting with voxel flow methods for frame interpolation in video

### DEPARTMENTAL LIBRARY APP

August 2018 - June 2019, Development Completed  
 Under Dr. Nandini Mukhopadhyay, Department of CSE, Jadavpur  
 University  
 Developed a mobile application for students to issue books from the  
 departmental library.

## OTHER WORKS

- Developing the official website for Piradius Coaching Center (In Progress)  
[www.piradius.in](http://www.piradius.in)
- Minor contributions to open-source projects like Embox and Kiwix-android
- JU Code Club active teaching member
- JU Srijan'20 MEMEntos Event Organizer

## LANGUAGES

### MASTERY IN:

- C
- C++
- Java
- Python

### FAMILIAR WITH:

- MySQL
- JSX
- Bash
- HTML, CSS, Javascript
- $\text{\LaTeX}$

## SKILLS

- Web Developed Basics
- Frontend development using React
- Qt GUI programming (c++)
- RESTful web services using JAX-RS (Java)
- AWS (including DynamoDB, EC2, etc.)
- Git
- GIMP

## ACHIEVEMENTS

- **HULT PRIZE REGIONAL SUMMIT**  
 2019, Kuala Lumpur, Malaysia  
 One of top 6 finalists
- **FIRST PRIZE IN INTER-SCHOOL  
 DRAWING COMPETITION**  
 2015, Dubrajpur
- **HUMAN PYRAMIDS ARCHITECT**  
 2015, D.A.V Public School, Dubrajpur
- **HEAD STUDENT**  
 2015, D.A.V Public School, Dubrajpur

## EXTRA CURRICULAR

- Painting
- Football
- Playing Guitar
- Linux ricing
- Working out