

# Chirag Jain

B.Tech – Computer Science & Engineering – IIT (ISM) Dhanbad

# 18JE0254

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## EXPERIENCE

### Deepmoth.ai, Bengaluru— Software Development Intern (MAR 2020 - MAY 2020)

- Developed features for PaperVoice, a cross-platform audiobook application.
- Features developed included bookmark management, audiobook review system, payment gateway integration & the ability to download an audiobook.
- Developed the logic and UI for the music screen in the app and the notification panel, with play, pause, fast forward and rewind options.
- Tech Stack : React Native, TS, Redux, Node.js, SQL

<https://play.google.com/store/apps/details?id=com.papervoice>

## PROJECTS

### Sky Detector App (JAN 2020)

- Co-developed a mobile and web application for automatically detecting the sky in a photograph using a CNN network (U-Net).
- Created the API for uploading and storing images, keeping track of users and their history, and made the interface for plotting angle of elevations in mask.
- Tech stack : Flask, MySQL, React, React Native, Pytorch

<https://github.com/cjchirag7/Sky-detector>

### Chatroom Application (NOV 2020)

- Created a multi-threaded client-server chat application written in C++ that uses sockets to communicate.

<https://github.com/cjchirag7/chatroom-cpp>

### Click-ISM Portal (JULY 2019)

- A campus portal that provides a Market Hub with some unique features of 'unrestricted bidding' and 'product verification'.
- Tech Stack : Node.js, MongoDB Cloud, React, Redux

<https://github.com/cjchirag7/campus-assistant>

### Library Management Web App (JUNE 2019)

- A web app for the management of books, users and the Issue and Return of Books in a library.
- Tech Stack : Node.js, Express, MongoDB, React

[https://github.com/cjchirag7/lib\\_management](https://github.com/cjchirag7/lib_management)

## EDUCATION

### Indian Institute of Technology (ISM), Dhanbad — B.Tech – Computer Science

JULY 2018 - MAY 2022 CGPA - 9.30

### Carmel Convent Sr. Sec. School, Neemuch

12th - APRIL 2017 - APRIL 2018 - 92.6%

10th - APRIL 2015 - APRIL 2016 - 10.00 CGPA

## SKILLS

- Programming Languages : C, C++, JavaScript, Python, Typescript
- Web/App Development : React JS, React Native, Node.js, Flask, HTML, CSS, Bootstrap
- Databases : MySQL, MongoDB, Firebase
- Deep learning frameworks : Pytorch, Keras

## ACHIEVEMENTS

- Achieved a global rank of 459 in Google Kickstart (Username: cjchirag7).
- Achieved rank of 191 in India and global rank of 1716 in Google HashCode (Team Name : [Tech\\_savvy](#)).
- Achieved 37<sup>th</sup> global rank in [Codechef long 2020](#).
- First runner up in Build-a-bit hackathon.

## COMPETITIVE PROGRAMMING

- Leetcode ( [cjchirag7](#) )  
Rating : 1991, Global Rank : 3032 , Problems Solved : 453
- Hackerrank ( [cjchirag7](#) )  
Rating: 6 star, Global Rank : 2495 , Problems Solved : 337
- Codeforces ( [cjchirag7](#) )  
Rating : 1695 , Contribution : 70 , Problems Solved : 233
- Spoj ( [cjchirag7](#) )  
Points : 4.3 , Global Rank : 8388 , Problems Solved : 61
- Codechef ( [cjchirag7](#) )  
Rating: 1762 , Problems Solved : 36

## LEADERSHIP POSITIONS

- Head of Web Development Division at Cyberlabs, the official programming club of IIT (ISM) Dhanbad.
- Student Intern Representative for session 2020-21.

## OPEN-SOURCE CONTRIBUTIONS

- Made 385 Github contributions in the last year.
- Made 29 PRs to an open source organisation [caMicroscope](#) , out of which , [28 PRs](#) were merged.