

Chirag Jain

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



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EXPERIENCE

Microsoft, Hyderabad — Software Engineer Intern (MAY 2021 – JULY 2021)

- Developed a loosely coupled component for alerting based on critical touchpoints, that can be identified by monitoring telemetry or DB.
- Tech Stack:** C#, .NET Core, Azure Functions, MS SQL, KQL, MQL

Deepmoth, Bengaluru — Software Engineer Intern (MAR 2020 – MAY 2020)

- Developed features for PaperVoice, a cross-platform audiobook application.
- Features included bookmark management, review system and payment gateway integration.
- 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>

Click-ISM - A buy & sell platform (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>

Dataset Creation and ML Evaluation UI (MAR 2021)

- Developed a UI for producing images after performing a sequence of various augmentations and used it to generate the training dataset for ML model.
- Also developed a UI to allow users to get insights about model failure by visualising various metrics.
- Tech Stack:** React, SQL, FastAPI, Docker

<https://github.com/NBNARADHYA/bosch-inter-iit/tree/production>

EDUCATION

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

JULY 2018 – MAY 2022 CGPA – 9.32

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, Java, Typescript, C#
- Web/App Development :** React JS, React Native, Node.js, Flask, .NET, HTML, CSS, Bootstrap, Docker
- Databases :** SQL, MongoDB, Firebase
- Deep learning frameworks :** Pytorch, Keras

ACHIEVEMENTS

- Achieved rank of **148** in India and global rank of **964** in **Google HashCode** (Team Name : CovidShield21)
- Secured **162** rank in **ICPC Amritapuri Online Round**.
- Achieved a global rank of **459** in **Google Kickstart**.
- Secured **top-10** rank in **HackOn with Amazon 2021**.
- Received **Bronze** in **Inter-IIT Tech Meet**.
- Achieved **37th** global rank in **Codechef long 2020**.

COMPETITIVE PROGRAMMING

Platform	Problems Solved	Rating
Leetcode	616	1991
Hackerrank	337	6 star
Codeforces	233	1693
SPOJ	65	4.3

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