

# Sayan Maiti

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## EDUCATION

### BIT MESRA, RANCHI

B.TECH IN COMPUTER SCIENCE

Expected May 2023

Cum. GPA: 8.59 / 10

### FR. AGNEL SCHOOL, NOIDA

CLASS 12, CBSE

Percentage - 89.4

## LINKS

Codeforces: [sayan\\_244](#)

Codechef: [sayan\\_244](#)

Leetcode: [sayan\\_244](#)

Github: [SayangitBIT](#)

LinkedIn: [Sayan Maiti](#)

## COURSEWORK

Data Structures and Algorithms

Object Oriented Programming

Operating Systems

Database Management Systems

Cloud Computing

## SKILLS

### PROGRAMMING

- C++
- HTML
- CSS
- Javascript
- Django
- Express
- MongoDB

## EXTRACURRICULAR

- Presently working with the executive body of IET BIT Mesra as a Joint Secretary.
- Conducted workshops on basics of C++, data structures and algorithms for the 2020 batch.

## WORK EXPERIENCE

### PWC | TECHNOLOGY CONSULTANT INTERN

16 May, 2022 - 8th July, 2022

- Worked with **Microsoft Dynamics 365 Finance and Operations**.
- Worked on **frontend** tasks which involved displaying customer transactions records and also allowing customers to pass data through forms which is stored in **database** tables.
- Worked on **backend** tasks which involved manipulation and storage of data in database tables, applying filters to table record fields and displayed them on the frontend.

## PROJECTS

### SCALABLE ONLINE JUDGE

- Created an Online Judge which returns verdicts for coding submissions, with **leaderboard**, **score** based grading for correct solutions
- Developed using **Django**. Implemented **Authentication**, **Authorization** without third party applications. Uses **Sqlite3** as **database**.
- Uses **Python Subprocess** module for compilation and execution of code submissions.
- **Docker containers** are used to isolate submissions from host system and is done per user.
- Project Link: <https://github.com/SayangitBIT/Online-Judge>

### CODEFORCES COMMENTS FILTER

- Created a **Chrome extension** which allows one to filter comments on Codeforces website below a certain rating color.
- Developed using **Chrome extension API** and **Manifest V2**.
- Project Link: [comments filter](#)

### YELPCAMP

- Created a **CRUD** application which allows one to review, add and modify details of a campground along with comments and reviews.
- Used **Passport.js** for User Authentication.
- Used **Express** and **MongoDB** as database to store Users, Campgrounds and Review models.
- Project Link: [github.com/SayangitBIT/Yelpcamp](https://github.com/SayangitBIT/Yelpcamp)

## ACHIEVEMENTS

- Actively participate in online programming Contests, and have the highest rating of **1668 (Expert)** on **CodeForces** and **2010 (5 star)** on **CodeChef**.
- Cleared **level 1** of **Flipkart Grid 4.0**
- **178** place at **Google Kickstart** round D 2022 out of **8,000+** global participants.
- **1327** place at **Google Kickstart** round H 2021 out of **9,500+** global participants.
- **1347** place at **Google Kickstart** round G 2021 out of **11,000+** global participants.
- **Rank 408** in **CodeForces** Round 719 out of **13,000+** official participants.
- **Rank 448** in **CodeForces** Edu Round 117 out of **8,000+** official participants.
- **Rank 82** in **Codechef** starters 19 Div 2.