

# Ansh Chaturmohta

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Portfolio: <https://ansh-chaturmohta.github.io/mine/>

GitHub: <https://github.com/ansh-chaturmohta>

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## EDUCATION

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- **Indian Institute of Technology (Indian School of Mines), Dhanbad** Dec 2020 - Aug 2025 (Expected)  
Integrated Master of Technology in Mathematics and Computing **CGPA : 8.65**
- **Delhi Public School, Pune** 2006 - 2020  
11-12th (AISSCE) **Percentage: 94.8%**  
10th (AISSE) **Percentage: 93.2%**

## WORK EXPERIENCE

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- **Masai School** May 2022 - Present  
Data Structures and Algorithm Problem Setter and Tester Intern
  - Created more than 200 around data structures, algorithms, math, and implementation.
  - Tested about 300 problems created by other problem setters.
  - Writing editorials of the problems for a better understanding of the concept and approach.
- **iMocha** Nov 2022 - Present  
Data Structures and Algorithm Problem Setter Intern
  - Setting problems with new ideas revolving around the use of data structures and algorithms
  - Implementing easy to understand and implement editorials and solutions for problems as well
- **Caerus Infotech Solutions** Dec 2021 - Jan 2022  
Full stack web developer Intern
  - Building web based solutions for startups and helping them grow their brands
  - Helping startups make a name and promote their product/service

## PROJECTS

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- **QuoteHub** Jan 2022
  - A website that allows users to **browse/store and create** quotes into this **website**
  - Users can **login** and add quotes to the **quotes library**.
  - Technologies – **HTML, CSS, JS, Express.js, Handlebars, Morgan, Passport, Mongoose**
- **KabaadKart** Dec 2021
  - KabaadaKart is a **startup** that tries to solve the problem of waste management and handling
  - A **static website** with **branding integrated** and **animations**.
  - Technologies – **HTML, CSS, JS, Express.js, Bootstrap, Google Firebase**
- **Gender Detection and classification** Dec 2020
  - Developing a model classify a picture as female or male using **RNN** with accuracy of **95%** .
  - Technologies – **Python, Pandas, NumPy, Machine Learning, Keras, Tensorflow**

## TECHNICAL SKILLS AND RELEVANT COURSEWORK

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- **Most Experienced with:** C, C++, Python, HTML, CSS, JavaScript, Node.js
- **Some Experience with:** Pandas, NumPy, React.js, Solidity, SQL, Matplotlib
- **Computer Science:** Data Structures & Algorithms, Graph Theory, Operating System, DBMS, OOPS
- **Mathematics:** Discrete Mathematics, Probability and Statistical Theory, Cryptography, Number Theory

## TECHNICAL SKILLS AND RELEVANT COURSEWORK

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- Achieved **Global Rank-964** in **Google Kickstart** Round-F 2022 out of about **12,000** participants
- Achieved **Global Rank 18** in **CodeChef Starters 55** and **Global Rank 450** in **Codeforces Round 828**
- Active participant in Programming contests with max ratings **1557(specialist)**-Codeforces and **1884(4-star)**-CodeChef and top **9.8%** on **Leetcode**
- Cleared qualification round and round 1 of **Facebook Hackercup 2021**
- Ranked **top .5%** in All India Joint Entrance Examinations(JEE) Main & Advanced(2018) out of **1.3 million** candidates
- **Coordinator – WebDevelopment** of **Student Alumni and International Cell** IIT (ISM) Dhanabad
- **Coordinator** of **Tennis Society** of IIT (ISM) Dhanabad and **Executive** at **Animation and Game Design** Club