

# SARTHAK GUPTA

5<sup>th</sup> Year CSE Undergraduate

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☎ (+91)-6239803560

🐙 Github

in LinkedIn

👨‍🍳 Codechef

🏆 Codeforces

## EXPERIENCE

### Google | SDE Intern

📅 May 2023 – July 2023

- Worked on developing hermetic tests
- Developed plugins to facilitate test data curation
- Setup of various test-related infrastructure

### Newzera | SDE Intern

📅 May 2022 – July 2022

- Integrating AWS Polly Service and fixing QA issues
- Optimising backend sql queries and optimising keys in redis cache
- Implementing GraphQL subscription through API Gateway
- Automating after effects video editing with extended script and aerender
- Adding local setup for various aws components

### Kesari Bharat | SDE Intern

📅 March 2021 – May 2021

- Designing backend server to optimize routing api/requests
- Implementing OSRM in the backend for a production ready application
- Customizing OSRM profiles for different use cases

## ACHIEVEMENTS

### ICPC | 📅 2021 – 2022

- **World Finalist**
- Rank 2 ICPC Kanpur Regionals
- Rank 8 ICPC Asia West Finals

### Codechef | 📅 July 2020 – Present

[sg1729]

- **7 star—max rating: 2570**
- Indian Rank 1/Global rank 4 February Long Challenge 2021, Division 1
- Global Rank 1 December Long Challenge 2020, Division 1
- Indian Rank 1/Global rank 13 November Long Challenge 2020, Division 1

### Codeforces | 📅 July 2020 – Present

[sg0071729]

- **Master—max rating:2322**
- Rank 8 in Codeforces round 696

### Google Kickstart | 📅 March 2021 – Nov 2021

[sg0071729]

- Round C: Global rank 42 out of 9000+ participants
- Round B: Global rank 120 out of 6000+ participants
- Round A: Global rank 73 out of 13000+ participants

## PROJECTS

### Order Allocation Service | 📅 June 2021

[Github]

React Native, MongoDB, NodeJs, JavaScript, Docker

Designed as a part of Inter IIT Tech meet project. The project is designed to assist in automated management and scheduling of bulk e2e deliveries.

- Micro service based architecture
- Worked on routing and order allocation service
- Integrated Google Or tools for optimising distribution of orders
- Used OSRM for routing and navigation

## EDUCATION

### B.Tech & M.Tech in Computer Science & Engineering

**IIT Bhubaneswar**

📅 July 2019 – 2024

CGPA - 8.84/10.0

### Class XII (CBSE)

**BL CPS,Solan,HP**

📅 Feb 2017–May 2019

Percentage - 92%

## SKILLS

C/C++ Python NodeJS MySQL  
ExpressJS ReactJS ReactNative  
Docker MongoDB HTML/CSS  
serverless redis aws

## TOOLS

Git Visual Studio Code Matlab  
Netbeans Eclipse Ubuntu-VM

## COURSEWORK

- Data Structures and Algorithms
- Operating Systems
- Computer Networks
- Database Management Systems
- Automata Theory
- Machine Learning

## EXTRA-CURRICULAR

**Neuromancers-Coding Society**

📅 Aug 2019 - Present

**Cleared Ntse Stage 2**

📅 March 2016 - March 2017

**Cleared Regional Mathematical Olympiad**

📅 Nov 2018

## LANGUAGES

English Hindi