



# Kishlay Soni

Roll No. 210123074

B.Tech - Mathematics and Computing

Minor in Data Science and Artificial Intelligence

Indian Institute Of Technology, Guwahati

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Github | Website

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech Major	Indian Institute of Technology, Guwahati	8.33 (Current)	2021-Present
B.Tech Minor	Indian Institute of Technology, Guwahati	7.00 (Current)	2022-Present
Senior Secondary	CBSE Board	96.6%	2021
Secondary	CBSE Board	98.0%	2019

## PROJECTS

- **Expense Tracker App** May 2023 - Jun 2023  
*Coding Club Project* Github
  - o Designed a **Flutter** based app that eases your **daily expense tracking** through a variety of statistics and graphs
  - o Implemented user authentication, **statistical graphs**, and handled backend storage using **Firebase**
  - o Provided a **PDF summary download and share** option in various paper sizes of the user's monthly expenses
- **Social Media App** Jun 2023 - Jul 2023  
*Personal Project* Github
  - o Developed a **Flutter** app based on **MVC** architecture, where users can connect and share content
  - o Implemented User profile creation, **Dynamic scrolling**, Follow/Unfollow, **Real time** like and commenting
  - o Used **GetX** for user state management and did backend **Video encryption** for efficient storage of videos using **Firebase** and **Firestore**
- **Custom To Do List** Jun 2023 - Jul 2023  
*Personal Project* Github
  - o Created a web application in which users can make **different to-do** lists with **unique** and **custom names** for different purposes to manage all things efficiently
  - o Used **HTML**, **CSS** and **EJS** for frontend, **Node.js with ExpressJS** for backend and **MongoDB** for storage
- **Time Tracker** Jul 2023  
*Group Project* Github
  - o Built a **browser action** chrome extension that tracks the **day-wise time** the user spends on various websites to gain insight and **increase productivity**
  - o Used **Google Chrome API** to interact with browser, **Chart.js** for plotting and **JavaScript** for functionality.

## TECHNICAL SKILLS

- **Programming Languages:** C++, C, Python\*, JavaScript\*
- **Web/App Technologies:** Flutter, Node.js\*, HTML, CSS
- **Database Management:** MySQL, Firebase, MongoDB\*
- **Operating Systems:** Windows, Linux\* (Basic Shell Utilities)
- **Data Science:** Numpy, Pandas, Matplotlib\*, BeautifulSoup\*, Selenium\* \* Elementary proficiency

## KEY COURSES TAKEN

- Data Structures (+Lab)
- Database Management Systems (+Lab)
- Design and Analysis of Algorithms
- Computer Architecture and Organisation
- Data Science and Machine Learning - Coding Ninjas \*
- Probability Theory and Random Processes
- Financial Engineering I
- Discrete Mathematics
- Artificial Intelligence
- Number Theory \* Ongoing

## POSITIONS OF RESPONSIBILITY

- **Senior Executive, E-Cell:** Responsible for conducting various Intra-Club and general events Jul 2022 - Apr 2023
- **Manager, IF, UDGAM:** Managed a team of 30 freshers and coordinated with 70+ startups Sep 2022 - Feb 2023

## ACHIEVEMENTS

- **HackerRank:** Achieved a **5 Star** rating in **Problem Solving**
- **Branch Change:** Changed branch from **EEE** to **MnC** based on CPI of 1st Year
- **JEE Advanced:** Secured **AIR-1839** among **0.16 million** candidates
- **JEE Mains:** Secured **AIR-831** among nearly **1.5 million** candidates with **99.938** percentile
- **KVPY Scholar 2020:** Secured **AIR 441** among **0.15 million** candidates in SA stream
- **NTSE Scholar 2019:** Achieved a rank in top **1000** among **1 million** appeared candidates
- **RMO 2018:** Obtained a position in **top 35** mathematicians of Chhattisgarh state

## EXTRACURRICULARS

- **Football:** Winner, Inter-School competition organized by Sports and Cultural Dept. Bhilai Steel Plant, SAIL in 2016
- **SPARDHA:** Represented my hostel as a coordinator and as a player in Football during the year 2022-2023