

# Ritu Raj Shandilya

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## EDUCATION

### **Indian Institute of Information Technology Guwahati**

B.Tech in Computer Science Engineering  
Expected Grad. May 2023  
CGPA: 8.01

### **St. Xavier's Jr/Sr School**

April 2016-April 2018  
Percentage : 92.2

## SKILLS

**Languages:**  
C/C++, Java, Python, JavaScript, HTML, CSS

**Frameworks:**  
NodeJS, ExpressJS, EJS, Handlebars

**Databases:**  
MongoDB, MySQL

**Tools:**  
Git, Colab, Insomnia, Selenium

## COURSEWORK

Data Structures  
Algorithms  
Discrete Mathematics  
Database Management System  
Computer Networking  
Operating Systems  
Object-Oriented Programming

## ACTIVITIES

Tarang Music Club, IIITG

## ACHIEVEMENTS AND CERTIFICATES

- **4 Star (1936)** at [CodeChef](#)
- **4 Star** at [LeetCode](#) (800+ Problems)
- **Rank 243** in December Challenge 2020 Div. 1 CodeChef
- **Rank 1232** in Codeforces Round 744 (Div. 3)
- **Rank 2107** in Codeforces Round 752 (Div. 2)
- **Rank 2542** in Google KickStart Round F 2021
- **Goldman Sachs Engineering Virtual Program 2021**

## PROJECTS

### **FileShare App**

Tech. Used : HTML, CSS, JS, EJS, NodeJs, Express, MongoDB

A Web app that can be used to share any kind of file. Backend is Dev. using NodeJs, Express and MongoDB. It also includes a feature to share the file directly through email.

### **PathFinder Visualizer**

Tech. Used : HTML, CSS, JavaScript

A Web App that visualizes many graph algorithms namely Breadth First Search, Depth First Search , Dijkstra's Algorithm.

### **Real Estate Management App**

Tech. Used : Python, MySQL

A Real Estate Management App made using Python's G.U.I Tkinter, backend using Python, and the Database used is MySQL.

### **Discord Bot**

Tech. Used : Python (Discord.py)

A Multipurpose Discord Bot made using Python's discord.py library that has many features including weather info. warning users on using cuss words etc.