



# Darshana Digambar Sambare

Roll No.:212123047

M.Sc - Mathematics and Computing

Indian Institute Of Technology, Guwahati

+91-9373881713

sdarshana@iitg.ac.in

darshanasambare2000@gmail.com

[Profile](#) | [Github](#) | [Linkedin](#)

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Sc Mathematics & computing	Indian Institute of Technology, Guwahati	8.80 (Current)	2021-Present
B.Sc Mathematics	Savitribai Phule University, Maharashtra	93.89%	2021
Higher Seconadry	CBSE Board	78.80%	2018
Secondary	Maharashtra Board	92.40%	2016

## PROJECTS

- Placement Portal** Team Size : 2 | Sept 2022 - present  
*Prof. Ashok Singh Sairram , Dept Of Mathematics ,IIT Guwahati* [Github](#)
  - It is a **dynamic website** which provides **registration** to companies and students for placement.
  - Students can to **apply to companies** through the portal . Each company will be require to disclose the **eligibility requirements, placement examination stage, and open positions**. The portal also shows Various **placement statistics**.
  - key Technologies** : HTML, CSS, Javascript, PHP, MySQL
- Gmeet Cone** Team Size : 3 | June 2022 - July 2022  
*Coding Club, IIT Guwahati* [Website](#) | [Github](#)
  - Created a **responsive and dynamic website** that works similar to actual Google Meet website
  - It has functionalities such as **video calls, whiteboard system, chat system, authentication** and many more.
  - Key Technologies** : HTML, CSS, Javascript, NodeJS
- Hotstar Clone** Team Size : 2 | Sept 2022  
*Personal Project* [Website](#) | [Github](#)
  - The home page of the website is a replica of Disney + Hotstar's main page(Front-end)
  - It starts with **authentication(signing up and logging in)** before directing us to the home page.
  - Key Technologies** : HTML ,CSS, Javascript, PHP, MySQL
- Seminar :Advanced Encryption Standard** Oct - 2022  
*Department of Mathematics, IIT Guwahati*
  - Seminar on Advanced Encryption Standard (AES) is a specification for the encryption of electronic data established by the U.S National Institute of Standards and Technology (NIST) in 2001..

## TECHNICAL SKILLS

- Programming:** C , C++, MATLAB, Python\*
- Web Technologies:** HTML, CSS, PHP, Javascript\*
- Database Management:** MySQL
- Operating System:** Windows, Linux\* \* Elementary proficiency

## KEY COURSES TAKEN

- Computer Science:** Computer Programming(with Lab), Data structures & Algorithms(with Lab), Theory of Computation\* ,Database Management System\*(with Lab)
  - Mathematics:** Discrete Mathematics, Probability Theory, Optimization Techniques, Numerical Analysis\*(with Lab),Linear Algebra, Modern algebra, Complex Analysis
- \* To be completed in Nov 2022

## ACHIEVEMENTS

- The Joint Admission Test for M.Sc (IIT JAM 2021)**,Secured **AIR 274** among 13186 candidates appearing for the test in Mathematics
- Hackerrank**,6 star on Problem Solving(Data Structure and Algorithms)
- GeeksForGeeks**,Secured **rank under 350(with 430+ coding score )**among 4000+ IITG Student on the GeeksforGeeks platform.
- Joint Entrance Examination 2018**,Qualified for the IIT JEE ADVANCED
- Atma Malik Talent Search Exam**,Secured 1st position in the State level contest.

## EXTRACURRICULARS

- Mentor,Saathi Counselling Cell**, Currently mentoring 14 juniors under the peer mentorship program as a part of Saathi Counselling Club, IIT Guwahati. Aug 2022- Present