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M.Sc - Mathematics and Computing
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Sc Mathematics & Computing	Indian Institute of Technology, Guwahati	9.20 (Current)	2021-Present
B.Sc Mathematics	TCSC, Mumbai University	9.65	2021
Higher Secondary	Maharashtra Board	84.92%	2017
Secondary	Maharashtra Board	88.60%	2015

PROJECTS

- **Placement Portal** *Sept 2022 - present*
  Prof. Ashok Singh Sairam, Dept of Mathematics, IIT Guwahati GitHub
  - It is a **dynamic website** which provides **registration** to companies and students for placement.
  - Students can **apply to companies** through the portal. Each company will be required to disclose the **eligibility requirements, placement examination stage, and open positions**. The portal also shows various **placement statistics**.
  - Using an **ER Diagram** to capture the requirement analysis and convert it into appropriate relations.
  - **Key Technologies**: HTML, CSS, Javascript, PHP, MySQL

- **Gmeet Clone** *Team Size : 3 | June - July 2022*
  Coding Club, IIT Guwahati Website | GitHub
  - Created a **responsive and dynamic website** that works similar to the actual Google meet website.
  - It has functionalities such as **video-audio calls, whiteboard system, chat system, authentication**, and 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)** using PHP & MySQL before directing us to the home page.
  - **Key Technologies**: HTML, CSS, Javascript, PHP, MySQL

TECHNICAL SKILLS

- **Programming Languages**: C/C++, Python*, MATLAB
- **Web Technologies**: HTML, CSS, Javascript, NodeJS*, PHP
- **Database Management**: MySQL
- **Operating Systems**: Windows, Linux*
- **Miscellaneous**: LaTeX*, Git & GitHub* ** 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*, Linear Algebra, Modern Algebra, Complex Analysis
- **MOOCs**: HTML CSS and Javascript for Web Developers, Introduction to Relational Database and SQL

* To be completed in Nov 2022

ACHIEVEMENTS

- **The Joint Admission Test for M.Sc (JAM 2021)**: Secured **AIR 21** among 13186 candidates appearing for the test in the subject Mathematics.
- **GeeksForGeeks**: Secured **Rank Under 90 (with 1000+ Coding score)** among 4000+ IITG students on GFG. 🔗
- **Hackerrank**: 6 Stars on Problem-solving(DSA), 5 Stars on C++ along with the problem solving Intermediate certificate.

EXTRACURRICULARS

- **Seminar: Ethical Hacking, Dept of Mathematics, IIT Guwahati** *Oct 2022*
  - Seminar on Ethical Hacking which is related to legally breaking into computers and different devices in order to test an organization's defenses.
- **Saathi Counselling Cell, IIT Guwahati** *Aug 2022 - present*
  - **Mentor**, Currently mentoring seven juniors under the **Peer Mentorship Program** as a part of Saathi Club.
  - Organized an event on Suicide Prevention on the occasion of Suicide Prevention Day.
- **Coursera Project Network**: Certification on Building Basic Relational Databases in SQL Server Management Studio.
- **Advance Maths Tutor**: Subject Matter Expert in Advance Calculus at @Chegg India.