Ritu Sinha

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B.Tech - Chemical Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.29 (Current)	2020-Present
Senior Secondary	CBSE Board	94%	2020
Secondary	CBSE Board	93%	2018

PROJECTS

- **Acadger** *July 2022*
  Self project Github
  - A **Django-based** Web Application for handling schools/college databases where teachers and users can **read, update, delete data** with separate accesses.
  - Students can login to the portal to view **attendance, performance,** and their respective class **timetable.**
  - A teacher can login to the portal to **edit marks, edit attendance** for particular courses, can view timetables for their **courses**.

- **Personal portfolio Website** *Nov 2022*
  Self Project Github
  - Developed a responsive website using **HTML, CSS and Javascript** which provides information about the site owner, what services they provide, and how to get in contact with them or their company.
  - simple and easy way to promote yourself, your brand, and your business.

TECHNICAL SKILLS

- **Programming**: Python, C/C++, Javascript, MATLAB*
- **Web Technologies**: HTML, CSS, Django*
- **Database management**: mySQL*, MongoDB*
- **Python Libraries**: Numpy, Pandas, Matplotlib*   ** Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Differential and multivariable calculus, Real analysis
- **Computer Science**: Introduction to computing, Computer aided Numerical methods
- **Chemical Engineering**: Process Equipment design, Heat Transfer, Chemical Reaction Engineering

ACHIEVEMENTS

- **JEE 2020, Advanced** , Among top 10 percent in the appearing 0.15 million candidates. *2020*
- **JEE 2020, Mains** , Secured 97.69 percentile among the 1.3 million candidates. *2020*

EXTRACURRICULARS

- **City representative, Technothlon 2021**, Brought registrations and organised the exam in Gaya city *feb. 2021- sept. 2021*
- **Organizer**, Question paper module, Technothlon, IIT Guwahati *feb. 2021- sept. 2021*