



Tannya Singh

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B.Tech. - Chemical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.16	2023-Present
Senior Secondary	ISC Board	95.5%	2022
Secondary	ICSE Board	97.6%	2020

PROJECTS

- Student Portal** Dec 23
Group Project with students of IIIT Lucknow [GitHub](#)
 - Designed and implemented user interface using HTML and CSS for a student data management system.
 - Recreated IIIT Lucknow's student portal **frontend UI components**, including navigation menus, contact page, gallery and registration page.
 - Web Technologies Used: **HTML, CSS, JavaScript**
- Titanic Survival Rate Prediction** Sept 23
AI - ML Workshop, IIT Guwahati [GitHub](#)
 - Implemented **K-Nearest Neighbors (KNN)** and **Logistic Regression** algorithms for Titanic survival prediction, optimizing model parameters for each.
 - Achieved a commendable **accuracy** of **92%**, showcasing robust predictive performance on the Kaggle Titanic dataset.
 - Web Technologies Used: **Pandas, Seaborn, Scikit-Learn**

TECHNICAL SKILLS

- Programming:** C, C++, Java*
- Operating System:** Windows, Linux*
- Web Technologies:** HTML, CSS*, Javascript*

* Elementary proficiency

KEY COURSES TAKEN

- Mathematics:** Real Analysis, Multivariable Calculus, Linear Algebra*
- Computer Science:** Computer Programming in C (with Lab)*
- Electronics:** Basic Electronics
- Physics:** Basic Mechanics, Electrostatics*, Magnetostatics*

* To be Completed in May 2024

POSITION(S) OF RESPONSIBILITY

- Associate Manager, Team InA, UDGAM:**
 - Worked collectively as a team of **25 people** to ensure smooth conductance of events.
 - Conducted D-Frame, a UI/UX development challenge to test designers' innovation skills. Nov 23 - Jan 24

ACHIEVEMENTS

- IIT-JEE Advanced 2023:** Ranked in the **top 5%** among 1.8 lakh candidates appearing for the test.
- HackerRank:** Achieved a **2-star coder** status in Problem Solving using C/C++ on HackerRank platform. [Profile](#)

EXTRACURRICULARS

- E - Cell, IIT Guwahati** Oct 23
Demonstrated entrepreneurial flair and unwavering dedication in the **Product Matters Boot Camp**. [Link](#)
- Cognizance, IIT Roorkee** Jan 24
As **Campus Ambassador**, boosted awareness of Cognizance events among peers and neighboring institutions.
- AI - ML Workshop, IIT Guwahati** Nov 23 - Jan 24
Gained hands-on experience in machine learning and artificial intelligence by working through practical problems and building models.