

# Tanushree Bhattacharya

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## EDUCATION

### National Institute of Technology, Durgapur

- B.Tech Degree in Electronics and Communication ( Current CGPA (up to 6th semester) : 8.71)

### Sushila Birla Girls' School

- AISSE - 10 CGPA
- AISSCE - 94%

## EXPERIENCE

### SWE Intern at Microsoft:

- Integrated a new feature into Microsoft's substrate search to help users search files and recordings related to meetings through meeting-related keywords to improve overall user experience and enhance the business relevance of meeting-related searches by 93%.
- Improved accuracy of Search Answers by analyzing user responses through E2E testing.

### Frontend developer intern at FarziEngineer

- Collaborated with various business clients to build and fix bugs in various e-commerce platforms like Lotus, Plix, MamaEarth, and so on.
- Built custom dynamic Shopify theme as per Figma design with Vanilla JS, CSS, Bootstrap, and ReactJS as required.

### Mentor at Codess.Cafe:

- Guided 10 college sophomores from all over India for internship opportunities, with priority towards DSA, competitive programming and interview preparation.

## PROJECTS

### Helping Users Find Resources of a Meeting | C# | XML | LINQ | .NET |

- Added feature in Microsoft search to find resources of a meeting through meeting-related keywords by establishing a graph relationship between meetings and files.
- Used a ranker to retrieve only the top entities and increased accuracy through unit tests and bug bashes for a better user experience.

### Doracle | Expo | React Native | ReactJS | NodeJS | PostGres | CSS |

[Github](#)

- Co-created the app and website of Doracle - a patient management system for hospitals, which eases the process of taking care of patients for the hospital by 30%, especially in a Coronavirus-wreaked world.
- It provides more transparent information about the patients' condition to their families through a centralized database updated regularly by the hospital.

### Imperium | C++ | Shell Scripting | Data Structures |

[Github](#)

- A local Version Control System(VCS), similar to Git.
- Uses SHA hashing and C++ data structures for add, init, commit, revert, help and other functionalities.

## SKILLS

- Programming Languages : C++, C, C#, Python, JavaScript
- Development Tools :
  - HTML, CSS, Bootstrap
  - ReactJS, React Native, jQuery
  - Django, Flask
  - SQL, SQLite, LINQ
  - Shopify, Firebase
- Graphic Designing Tools: Adobe Photoshop, Adobe Illustrator, Adobe Lightroom
- Non-Technical Skills: Public Speaking, Content Writing, Time Management
- Courses : Data Structures in C++, Introduction to Machine Learning, OOPS

## SCHOLASTIC ACHIEVEMENT

- Recipient of **Grace Hopper Scholarship** for the year 2022.
- Qualified as one of the top 26 teams for **Amazon HackOn 2021**.
- Codechef** 4-star and **Codeforces** Apprentice.
- Qualified **RMO 2017**.
- JEE Main** 2019 score of 98.7 percentile among 9+ lakh candidates and **JEE Advanced** rank of 8095.

## CO-SCHOLASTIC ACHIEVEMENT

- Won award of excellence in Belt Gradation in Karate in 2015-16 and 2016-17.
- Awarded second place in 100m flat and third place in 4x100m relay in District Level Athletics Meet arranged by SAI (Sports Authority of India) in 2016.
- Received best speaker award at Rhetorica' 2020 - an Extempore held by FSS BHU.

## POSITION OF RESPONSIBILITY

- Vice President at The Debating Society, NIT Durgapur.
- Executive member and web developer of Entrepreneurship Cell, CCA, NIT Durgapur.
- Senior fest Co-ordinator for Aarohaan, the official techno-management fest of NIT Durgapur for 2020-21.
- Vice-Captain of School in the academic year 2018-19.
- Captain of Athletics team in school till 2018.