

A student vouching for sisterhood in STEM, passion in creativity and accessibility in opportunities. By making things with an aim to help people, she dreams and strives to make a difference in this long, wide world through empathy and technology.

EDUCATION

Computer Science & Engineering, Cooch Behar Government Engineering College 2018 - 2022

- Pursuing Bachelors of Technology with an overall CGPA: 8.63 till now.
- Actively involved in college Tech club and helping to enrich the coding and academic environment in college.
- Founder of FemSTEM community, to bring more women coders to the forefront in tech and increase diversity.
- Founder and President of Creative Pens, the College Literary Club.

Science Stream, D.A.V. Model School 2015 - 2017

- Scored 90.4% in AISSCE.
- Literary Performer Of the Year and got published in more than 40 print magazines, internationally. Also got invited to the international Writing For Peace Youth Summit for my writings on world peace and empathy.

WORK EXPERIENCE

Start-Up Team Sub Coach Sep, 2021 - now Applied Computing Foundation Remote, Santa Clara

- Mentoring and teaching basic coding skills, including HTML, CSS and Javascript to high school and middle school students in an AI startup team.
- Inspiring academic and research interests among the students, right from a young age.
- Teaching them entrepreneurship and helping them achieve laurels in global start-up team competitions.
- Managing all class aspects, materials and content under the guidance of my coach.
- Also coaching junior and middle school students, especially those from non-traditional and underprivileged backgrounds to excel during science fairs.

Software Development Intern November, 2020 - now 26 Ideas Remote, Mumbai

- Built the company's official website, which brought in 2000 new views- designed, coded and hosted the website.
- Made 4 static websites and an ed-tech web application called Pracer.
- Streamlined rigorous QA testing and bug reports for a vendor app Fixling, version mapping and managed 1 junior QA tester.
- Only student in this fast-paced start-up.
- Tech stack: HTML, CSS, Bootstrap, JS, PHP, ajax, Node.js, Trello, Canva, Github, Godaddy.

Creator Group Cohort Jun, 2021 - Aug, 2021 Qoom Remote, Palo Alto

- Got invited to this 6-weeks cohort for winning RU Hacks, '21.
- Made a web app LearnLily in a team which achieved Best Project Award, aimed at helping students and job seekers.
- Excelled in training an ML model successfully for detecting good and bad speaking postures, fumbling or presence of helping aids (books, mobile phone, etc.) using Image Classification, Pose Detection and Audio Classification.
- Tech stack: HTML, CSS, Bootstrap, JS, Tensorflow.js, Google Teachable Machine, Qoom Account DB, Language Tool, Canva, Figma

Open Source Contributor Jan, 2021 - Feb, 2021 JGEC Winter of Code Remote, Jalpaiguri

- One of the top contributors in Phase 1 of this month-long open source contribution. Rank 4 in Phase 2.
- Made total 33 commits across 3 projects with 19+ pull requests merged.
- Tech stack: HTML, CSS, JS, MD, Node.js, Python, Github

PROJECTS

FemSTEM, Tech4U Hacks Github Link May, 2021

- Ideated and coded a web application that serves as an inclusive, supportive tech community focusing strictly on women and non-binaries.
- Our app offers wo-mentorship opportunities, women-specific tech tutorials rendering 10 YouTube search results, a hall of fame section and an opportunity of finding other female or non-binary teammates.
- Tech stack: Node.js, Express.js, CSS, Javascript, JQuery, MongoDB, Youtube Data v3 API, Github

Mindtopia

Aug, 2021

- Mental health app that allows users to seek mental health assistance from seasoned professionals as well as strangers with positive emotional bandwidth.
- Used AFINN Sentiment package to help machine assign positive or negative valence scores to users' emotions based on sentiment analysis of a block of text entered by them.
- Only users with positive emotional scores will be matched to those with negative scores to maintain positive conversations.
- Gamified badging system, still in ideation phase.
- Tech stack: Express.js, CSS, Javascript, JQuery, MongoDB, AFINN Sentiment Analysis, Azure Maps API, Github

rhythMind, Athena Hacks

Github Link Mar 2021 - Apr 2021

- Created a web app that plays music according to one's emotional needs and helps recharge their mental health.
- Also harnesses the power of storytelling to help people connect with themselves and achieve calm.
- Tech stack: Express.js, CSS, Javascript, JQuery, Spotify API, Pexels API, Github

TECHNICAL SKILLS

Languages	C/C++, Java, HTML, CSS, Javascript, Python
Frameworks	Node.js, React.js (Basic), Bootstrap, Express.js, PaperCSS
Databases	MongoDB, SQL (Basic)
OS	Windows, Ubuntu
Others	Github, Tensorflow.js, Sublime Text, Data Structures, Algorithms, VS Code, Trello, Canva, Adobe Draw, Azure, SEO, Filmora, Sentiment Analysis, Office 365, Zoom

NON-TECHNICAL SKILLS

Mentorship, Content Writing, Leadership, Intercultural Communications, Filmmaking, Digital Art, Creative Writing

POSITIONS OF RESPONSIBILITY

- Mentor and Judge during HackeRam, Fordham's first student Hackathon.
- Founder of College Tech club and Literary Club.
- Coach and Sub coach, training young minds from high school and middle school in coding and technology, especially those belonging to underprivileged backgrounds.

HACKATHONS

- ATHENA HACKS '21: Winner, Microsoft Best Use of Azure Award for training a chat-bot and CSS and JS animations.
- RU HACKS '21: Winner, Best Use of Qoom category, for making a mental health app for COVID-19 patients.
- TECH4U HACKS: Overall Second Prize Winner, for leading a team project focused on inclusivity.
- Participated in more than 15 MLH hackathons.

PUBLICATION

- ML for the first time, to Google Teachable Machine making my project LearnLily Special- Qoom Creator Group Blog.

AWARDS & HONORS

- vGHC '21 Scholar, AnitaB.org
- Canvas Mentee, 2021: Only Asian to be selected among 21 individuals for The Future is Me Mentorship Accelerator cohort. Met an amazing tech community!
- Audience Choice Award for Project LearnLily, Qoom.
- Top Open Source Contributor, JGEC Winter of Code.