

Astha Varshney

Freshman'25 • +91-9811019035 • astha119btcse21@igdtuw.ac.in • [LinkedIn](#) • [Twitter](#) • [Portfolio](#) • [GitHub](#)

EDUCATION

Institute	Examination	Year	Grade
Indira Gandhi Delhi Technical University for Women	B. Tech in Computer Science & Engineering	2021-Present	/10.00
Vivekanand School, Anand Vihar, Delhi	Class 12 th – CBSE (Science with Mathematics)	2021	97.4%
Holy Angels' Sr. Sec. School, Sahibabad, U. P	Class 10 th - ICSE	2019	97.0%

TECHNICAL SKILLS

C++, Java; Machine Learning-Python; Android Development- Flutter, Dart; Web Development-HTML, CSS, Bootstrap

EXPERIENCE

- E-cell, IIT Bombay** | Entrepreneurial Campus Ambassador | Mumbai **July 2022 – Present**
- Promote and represent the university by being the **initial point of contact** for prospective students in the events organized by IIT, Bombay
 - **Leverage social media** tactics to drive traffic and attention towards entrepreneurial competitions and fests organized by E-Cell, IIT Bombay
- Rotaract District 3011** | District Editorial Committee Chair | Delhi **July 2022 – Present**
- Ensure the activities and events conducted by the district are presented in the best possible way in the **72 Rotaract clubs** under the district
 - Contribute to proposing ideas to enhance knowledge and understanding of the needs of the community. Also, oversaw their smooth execution
- Centre of Excellence-AI, IGDТУW** | Research Trainee | Delhi **June 2022 – Present**
- Learned crucial concepts of **machine learning** using python and understood the industrial perspective on the broader applications of **AI & ML**
 - Co-authoring a **research paper** to publish our findings and results on the project: **Heart Failure Prediction using Machine Learning**
- Flurno- An ed-tech Startup** | Outreach Intern | Delhi **February 2022 – March 2022**
- Created and designed engaging **technical content** to promote services of the company and used **email marketing** tactics to maximize reach
 - Achieved **lead conversion of 17 lead prospects** in 1 month by regularly communicating with them and providing assistance in the same.

PROJECTS

- Roommate Pairing** | Android application | Celestial Biscuit, IGDТУW **June 2022 – Present**
- Collaborating in a team of 6 to build a **roommate pairing system** using **Flutter**, to be used by the universities in the process of allotment of the hostels. The application is a **tinder-styled application** with card-stack features, instant matches, chat, swiping, and block/restrict.
- Heart Failure Prediction** | Machine Learning project | COE, IGDТУW **June 2022 – Present**
- Worked in a team of 2 to predict heart failure accurately using **ML algorithmic models**. Achieved an accuracy of **87.3%** which is **higher** than in any published paper regarding the same. Documentation of the **research paper** is in progress for the publication of the results and findings.

LEADERSHIP & VOLUNTEER EXPERIENCE

- Innervive** | Head Coordinator | IGDТУW **August 2022 – Present**
- Selected to be the head coordinator of the **Human Resources** Team and the **CS/IT** Team in the **Techfest- Innervive** to be held in September'22
- Minerva- Virtual Tech Forum** | Research Associate | IGDТУW **March 2022 – Present**
- Collaborate in a team of 5 to collect and summarize opportunities for **Women in Technology** pursuing their undergraduate degrees in STEM
 - Publish **articles** on academics, soft skills, technology, and hard skills, and Copywrite newsletters for all the sessions conducted by Minerva
- Enactus** | Project Dharini- Member | IGDТУW **February 2022 – Present**
- Educated people about **gender-inclusive menstruation**. Assisting in executing a **web app** for menstruators to connect with gynaecologists and counsellors and get instant and legitimate solutions to period problems they face. Received funding of **Rs 25000** from Enactus India
- Academic Tutor** | Sahibabad, Uttar Pradesh **October 2020 – Present**
- Provide one-on-one **student tutoring** and academic support to high school students in **Mathematics** and **Science**. Help them understand and learn new concepts. Also, supervise their **time management, goal-setting, and day-planning** to increase efficiency and productiveness.

HONORS & ACHIEVEMENTS

- Kalpna SHE'22 Fellow** | VigyanShaala International **July 2022 - Present**
- Received 100% scholarship for their career development and **mentorship** program that enables fellows to chart various career paths in STEM
 - Designed by scientists and techies from leading global universities, it is a two-level program comprising of **Kalpna Incubator & Accelerator**
- FFE Amazon'22 Scholar** | Foundation for Excellence **March 2022 - Present**
- Received **Rs. 40,000** scholarship money from **Amazon** for the academic year 2021-2022 for excelling in national level entrance examinations
 - Includes assistance in training and mentorship sessions from industry experts, and advice forum from a vast network of donors and alumni
- Harvard WECODE'22 Scholar** | Harvard University **February 2022**
- Received 100% fully funded scholarship to attend World's most prominent student-run **Women in Tech conference** by **Harvard University**.
 - Attended technical sessions, and keynotes by speakers. Formed connections by networking, and participated in career-enhancing workshops