Astha Varshney

GitHub: github.com/Asthavarshneyy
LinkedIn: linkedin.com/astha-varshney

Email: astha119btcse21@igdtuw.ac.in
Mobile: +91-9811019035
Twitter: twitter.com/Asthavarshney2

Education

Indira Gandhi Delhi Technical University for Women — Delhi, India
Bachelor of Technology - Computer Science & Engineering; GPA: 8.14 — 2021 - Present
Relevant Coursework: *Data Structures, Database Management Systems, Software Engineering, Discrete Mathematics*

Vivekanand School — Delhi, India
Class 12 - Science with Mathematics; CBSE Percentage: 97.4% — 2021

Holy Angels' Sr. Sec. School — U.P, India
Class 10 - Computer Science - Java; ICSE Percentage: 97% — 2019

Experience

HyperVerge Academy — Remote
Full-Stack Web Development Fellowship — Nov 2022- Present
- **Back-End Web Dev**: Learning **PostgreSQL** and **Django** Web Framework in the **Ubuntu** Virtual Environment

Centre of Excellence- AI, IGDTUW — Remote
ML Research Trainee (Summer Intern) — Jun 2022 - Jul 2022
- **Data Visualization**: Implemented python libraries to perform **EDA** for gaining better understanding of data
- **Supervised ML Models**: Mastered **Feature Selection** and its use to increase the overall effectiveness of the models

Flurno- An Ed-Tech StartUp — Remote
Student Intern (Part-time, Contractual) — Feb 2022 - Mar 2022
- **Email marketing**: Conceptualized and designed engaging **technical content** to promote the services of the company.
- **Lead Conversion**: Delegated **17 lead prospects** in 1 month by regularly communicating and providing assistance.

Skills Summary

- **Languages & Frameworks**: Python, C++, C, SQL, Java, Dart, Flutter, Django (Currently Learning), HTML, CSS
- **Tools and Technologies**:   GitHub, PostgreSQL, MySQL, Linux, Canva, Figma, VSCode, Microsoft Excel, Google Doc

Projects

- **Roommate Pairing Application**: (Work in progress) Team: 3; Devised for universities for roommates allotment. Designed the **UI** of the application. Programmed the landing page, Settings page, and Edit Profile page of the application. Working on including the **Tinder-styled** swipe feature, and chat option. **Tech: Figma, Flutter, Dart** *(Sep 2022)* **(Project Link)**

- **Heart Failure Prediction**: Team: 2; Achieved an overall accuracy of **87.3%**. Applied **4** different types of Feature Selection Tests and decreased the complexity for models by **46%.** Co-Authored the research paper presenting the data analysis, **4-Step methodology** and results. **Tech: Python, Scikit-Learn, NumPy, Google Colab** *(Jul 2022)* **(Project Link)**

- **Portfolio**: Minor Project; **Front-End** Web Development. Customized the **Blinking Cursor** feature for the Typing effect. Implemented the **owl - carousel** slider. **Tech: Canva, HTML, CSS, JavaScript, Bootstrap***(Jun 2022)* **(Project Link)**

Positions of Responsibility

- **E-cell, IGDTUW** | *Co-Revivor & Treasurer* — Oct 2022 - Present
  - Responsible for **budget-planning** and administering funds for events organized by Ecell and **Anveshan Foundation**
  - Coordinate with **7 board members** and oversee staff of **41 students** ensure proper planning and execution of events

- **SOCH- The Art & Writing Society of IGDTUW** | *Management Head* — Sep 2022 - Present
  - Lead a team of **25 members** to plan and execute 2 monthly events, trips and competitions of art and literature
  - Conduct inter-university events, organize workshops and oversee their proper execution in reaching to **100+** students

- **Minerva - Virtual Tech Forum** | *Research Associate* — Mar 2022 - Present
  - Collaborate in a team of **5** to provide daily opportunities to **1.1K+** active students, on Telegram, pursuing STEM
  - Publish articles and tips & tricks on academics, and technology, and newsletters for the sessions conducted by Minerva

Achievements

- **NXP WIT'22 Scholar**: Among the **Top 50** for NXP Semiconductors' **Design and Development** program *(Nov 2022)*
- **Tesseract- AI/ML Ideathon**: **Runner-Up**; Idea: '**Ambo in a Blink**'(Healthcare category) Tech: Al/ML *(Oct 2022)*
- **Ideate2Sustain Ideathon**: **RunnerUp**; Idea: '**Plush Fabric Decor**'(Sustainable Fashion). Tech: Flutter, VR*(Sep 2022)*
- **Zuno Fellowship Program**: **Silver Winner**; Among the **Top 280** performers out of **14K+** participants *(Aug 2022)*
- **IICC'22 by AICTE**: **AIR 3798** out of **90K+** coders in Innovate India Coding Championship (Round 1) *(Aug 2022)*
- **Accenture**: Completed the Virtual **Developer & Technology Accenture Developer** Program 2022 *(Aug 2022)*
- **India-Ireland Poetry Fest**: Illustrated a winning poem in the book '**Care, Courage and Commitment**' *(Jun 2022)*
- **FFE Amazon'22 Scholar**: Received **Rs. 40,000** scholarship for excelling in national-level entrance exam *(Mar 2022)*
- **WECode'22 Scholar**: Attained 100% funded scholarship to WIT Global Conference by **Harvard University** *(Feb 2022)*