

Yashmita Bhushan

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EDUCATION

B.Tech - Computer Science Engineering specialization in artificial intelligence

2024 – 2028

Indira Gandhi Delhi Technological University

SGPA-8.81/10

Senior Secondary

2024

Central Board of Secondary Education : 95%

Secondary

2022

Central Board of Secondary Education:94%

PROFESSIONAL EXPERIENCE

Summer Intern- AI Powered Full Stack Development 

06/2025 – 07/2025

- Built 3+ **React.js** apps with secure authentication, dynamic routing, and responsive design.
- Integrated **REST APIs** for real-time data fetching, reducing page load time by **25%** and improving application performance and user experience.
- Enhanced UI with form validations, theme toggling , resulting in a **20% improvement in usability and user engagement.**

Open Source Developer - SSOC Season 4 (SSOC '25)

06/2025 – 08/2025

- Selected from a competitive applicant pool of 500+ candidates for an **Open Source Development Program** .
- Contributed **10+ production features and bug fixes** to real-world projects in collaboration with mentors and developers.
- Gained expertise in Git, issue tracking, and collaborative coding, improving efficiency by **20%**.

SKILLS

- **Programming Languages:** C++, Python, Java, R
- **Web Development:** HTML, CSS, JavaScript, React.js, Tailwind CSS
- **Frameworks & Tools:** Pandas, NumPy, Matplotlib, Git, VS Code, Jupyter Notebook,Colab
- **Core CS Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), DBMS
- **Soft Skills:** Effective Communication, Active Listening, Leadership, Team Collaboration, Problem Solving

PROJECTS

Ella - AI Chatbot | HTML, CSS, JavaScript, OpenAI API 

- Developed an AI chatbot using HTML, CSS, JS with **real-time OpenAI API responses**, handling 100+ simultaneous messages.
- Added **theme toggle, chat delete, and stop button**, improving user engagement by 25%.
- Optimized **UI/UX** and error handling, enhancing accessibility and usability by 20%.

Cam-Link – Real-time Phone-to-Laptop Camera Streaming | HTML, CSS, JavaScript, WebRTC 

- Built a **peer-to-peer camera streaming web app** using WebRTC for real-time video transfer between phone and laptop
- Integrated **secure camera access (getUserMedia)** and manual SDP exchange, increasing connection reliability by 30%.
- Designed a **responsive UI** with HTML, CSS, and JavaScript for seamless usage across mobile and desktop devices.

ACHIEVEMENTS

- Selected for **Smart India Hackathon (SIH) 2025**, cleared **Round 1** among several national-level entries.
- **Research Paper Accepted:** “*Voice-Based Detection of Parkinson’s Disease Using Machine Learning Techniques*”, 4th International Conference on Intelligent Computing, Information and Control Systems (ICOIICS), 2025
- Shortlisted in the first round of **Flipkart Grid 2025**.
- **Selected twice** for **EMC**, a school-based startup initiative promoting business innovation, from a competitive pool of 100+ applicants.
- **Ranked 1st** in Grade 12 among all sections.

ROLES AND RESPONSIBILITIES

Core Member

Finivesta / Neutron / CodeBenders

- Designed creative **posters, social media graphics, and LinkedIn posts** to promote events and initiatives.
- Contributed to brand identity through **merchandise and team apparel design**.