

# Yashmita Bhushan

[✉ yashmitabhushan@gmail.com](mailto:yashmitabhushan@gmail.com) [📞 8810369201](tel:8810369201) [LinkedIn](#) [GitHub](#) [LeetCode](#) [Portfolio](#)

## EDUCATION

**B.Tech - Computer Science Engineering specialization in artificial intelligence**  
Indira Gandhi Delhi Technological University  
SGPA-8.81/10

2024 – 2028

**Senior Secondary**  
Central Board of Secondary Education : 95%

2024

**Secondary**  
Central Board of Secondary Education:94%

2022

## 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

### AI Fitness & Nutrition Planner | HTML , CSS , JavaScript , RESTAPI , Chart.js

- Built an **AI-driven web app** with **50+** personalized **meal plans** and **100+ workouts** tailored to user goals.
- Created a food database of **1,000+ items** via REST API integration for accurate tracking of calories and macros.
- Created **interactive progress dashboards and charts** to track **30+ days** of weight, BMI, and calories.

### Plant Disease Detection using CNN | Python, TensorFlow, Gradio

- Built and trained a Convolutional Neural Network using the PlantVillage dataset (**54k+ images, 38 classes**).
- Achieved **87.12% classification accuracy** on validation data.
- Developed an interactive **Gradio**-based prediction interface

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

- Built an **AI chatbot** handling **100+ messages** with real-time OpenAI API responses.
- Added **theme toggle, chat controls, and error handling**, boosting **engagement 25%** and **usability 20%**.

## 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**.