

Yashmita Bhushan

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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 🔗 <ul style="list-style-type: none">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.	06/2025 – 07/2025
Open Source Developer - SSOC Season 4 (SSOC '25) <ul style="list-style-type: none">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%.	06/2025 – 08/2025

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, REST API, Chart.js 🔗 <ul style="list-style-type: none">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 🔗 <ul style="list-style-type: none">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 🔗 <ul style="list-style-type: none">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**.