

# GAYATRI

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## Education

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**Indira Gandhi Delhi Technical University for Women, Delhi** **2022 – 2026**  
*B.Tech in Computer Science Engineering* *Cgpa : 7.65*

**Rajkiye Pratibha Vikas Vidyalaya, Shalimar Bagh, Delhi** **2020 – 2022**  
*12th CBSE (PCM with Economics)* *Percentage : 90.8*

**Sarvodya Kanya Vidyalaya, Adarsh Nagar, Delhi** **2015 – 2020**  
*10th CBSE* *Percentage : 88.8*

## Technical Skills

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**Programming Languages** : C++, C, SQL, HTML, CSS, JavaScript, Python.

**Platforms and Tools** : Visual Studio, Figma, Canva, Mockup, Sublime Text, Latex, Matlab.

**Core Courses** : Data Structures and Algorithm, Operating System, Computer Networks, OOPs, DBMS.

**Soft Skills** : Public Speaking, Team Leadership, Event Management.

## Projects

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**BookBazar : Free Digital Library Website** | [Link](#)

- Developed an online library platform that enables readers to access and enjoy books instantly, anywhere and anytime, free from cost barriers.
- Tech Stack Used : HTML, CSS, JS.

**YatriGo : Personalized Trip Planner Web App** | [Link](#)

- Collaboratively designed a full-featured travel app as part of a group project, integrating AI-based traveler matching, itinerary builder, group chats, smart trip suggestions and many more extra features.
- Tech Stack Used : React, Node.js, MongoDB.

**Shooter : A 2D Combat Platformer Game** | [Link](#)

- Developed a functional and engaging 2D platformer game using Python and the Pygame library, featuring smooth character movement, obstacle interactions, level progression, and custom game assets to enhance user experience.
- Tech Stack Used : Python

**Knapsack Problem** | [Link](#)

- Designed and compared advanced algorithms to solve various knapsack problem variants, emphasizing efficiency, complexity, and practical applications.

## Extra Curriculum

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- As the Head Coordinator at college's cultural fest managed flagship events and coordinated fest operations across multiple teams.
- Served as an Education Mentor under the Desh Ke Mentor program, guiding school students in making informed career decisions. ([Link](#))

## Achievements

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- Receiving Disha-EY and Katalyst scholarships for academic excellence.
- Achieved an Elite grade and secured a top 2 percent rank among 16,000 participants in NPTEL's "The Psychology of Language" course.
- Selected as one of the top 50 teams in India's largest student-run hackathon, Vihaan-DTU, among 5000+ teams.
- Chosen as one of the panelist for a Panel discussion with Delhi's Deputy Chief Minister and Chairperson of DKM program on mentorship and student development, 2022.

## Certification

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- Completed Udemy C++ (Beginner to Advanced) course ([Link](#)).
- Completed Python Bootcamp ([Link](#)).
- NPTEL - The Psychology of Language ([Link](#)).
- India's largest student-run hackathon participation certificate ([Link](#)).
- Generation Design Challenge participation certificate by JPMorgan ([Link](#)).
- Participated in WIEgnite Hackathon organized by IEEE IGDTUW, showcasing problem-solving skills. ([Link](#)).