

# TRIPTI KASHYAP

New Delhi, Delhi

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## EDUCATION

**Indraprastha Institute of Information Technology, Delhi**  
*B.Tech - Electronics and Communication Engineering*

**August 2023 – July 2027**  
*New Delhi, Delhi*

**Vivekanand School, Delhi**  
*Class XII - PCM*

**February 2023**  
*East Delhi, Delhi*

## EXPERIENCE

**ASP Sealing Products - Guide: Raj Kashyap** [↗](#)  
*Role - Design and Development Intern*

**May 2024 - August 2024**  
*Uttar Pradesh*

- Worked on 4+ cutting-edge design and research projects, demonstrating exceptional diligence.
- Pioneered innovative engineering solutions to enhance efficiency and precision.

## PROJECTS

**Angry Birds Clone - 2D Physics-Based Game** [🔗](#) | [Java](#), [LibGDX](#)

**November 2024**

- Engineered a physics-based game with realistic collision mechanics.
- Implemented intuitive touch controls for seamless gameplay.
- Optimized rendering for consistent cross-device performance.

**Thread and Co. - Responsive E-Commerce Website** [🔗](#) | [HTML](#), [CSS](#), [JavaScript](#)

**December 2024**

- Built a responsive e-commerce site with product showcases, promotions, and a seamless shopping experience.
- Designed an intuitive UI/UX for better customer engagement and navigation.
- Optimized performance for fast, cross-device accessibility.

**Custom Simulator and Assembler** [🔗](#) | [Python](#)

**April 2024**

- Built an assembler and simulator for a hypothetical RISC ISA, converting 100+ assembly instructions to binary.
- Optimized instruction parsing, execution, and memory handling, improving simulation speed by 25%.

**GoWheels - Cab Booking Service** [🔗](#) | [HTML](#), [CSS](#), [JavaScript](#), [Node.js](#), [SQL](#)

**April 2025**

- Developed a full-stack cab booking application with user authentication and real-time booking capabilities.
- Implemented SQL database to manage user profiles, trip details, and payment information.
- Created server-side logic using Node.js to handle booking requests and driver assignments.

## TECHNICAL SKILLS

**Languages:** C++, JAVA, Python, SQL

**Technologies/Frameworks:** HTML, CSS, JavaScript, Bootstrap, LibGDX, Node.js, FPGA Design, LTspice, Vivado, MATLAB, KiCad

**Developer Tools:** Git, GitHub, Canva, Figma

**Technical Electives:** Data Structures and Algorithms, Advanced Programming, DBMS, Analysis and Design of Algorithms, Signals and Systems, Embedded Logic Design

## CERTIFICATIONS

- Full Stack Web Development - Apna College
- C++ - Udemy

## ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- \* **UCEED 2023:** Achieved AIR 400 (Top 2.7%) in India's premier design entrance exam.
- \* **Spelling Bee Winner:** Secured 3rd place in a national-level competition (2019).
- \* **Women In Tech IIITD:** Sponsorship Team Lead (Jan 2025 – Present).
- \* **IEEE IIIT Delhi:** Events member (August 2024 - Present).