

TRIPTI KASHYAP

New Delhi, Delhi

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OBJECTIVE

ECE undergraduate at IIIT Delhi with a passion for building intelligent systems at the intersection of software, design, and embedded tech. Actively seeking internships in full-stack development, software engineering, or product innovation roles.

EDUCATION

Indraprastha Institute of Information Technology, Delhi

August 2023 – July 2027

B.Tech - Electronics and Communication Engineering

New Delhi, Delhi

Vivekanand School, Delhi

February 2023

Class XII - PCM

East Delhi, Delhi

EXPERIENCE

ASP Sealing Products - Guide: Raj Kumar [🔗](#)

May 2024 - August 2024

Role - Design and Development Intern

Uttar Pradesh

- Spearheaded research-driven design projects, enhancing efficiency through data-backed innovation.
- Collaborated cross-functionally to streamline operations and support product development cycles.
- Compiled project findings into structured reports to inform engineering decisions and optimize workflows.

PROJECTS

Sort-a-Path - Algorithm Visualizer [🔗](#) | [HTML5](#) [Canvas](#), [React](#), [JavaScript](#)

May 2025

- Built interactive web app visualizing pathfinding algorithms: Dijkstra, A*, BFS, and DFS.
- Implemented dynamic grid system allowing users to set start/end points and create obstacles for algorithm testing.
- Designed intuitive UI with real-time animation to demonstrate algorithm efficiency and path optimization.

FundFlow – AI-Powered Personal Finance Tracker [🔗](#) | [React](#), [TypeScript](#), [Supabase](#)

January 2025

- Created a finance app enabling secure access and AI-driven insight into user spending patterns.
- Integrated Supabase for real-time transaction storage, role-based access, and dashboard synchronization.
- Implemented linear regression models to predict user spending trends with accuracy indicators.

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

April 2025

- Built a cab booking platform featuring user authentication and dynamic booking functionality.
- 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

Programming Languages: C++, Java, Python, JavaScript, SQL

Frontend Development: React.js, HTML5, CSS3, JavaScript, Bootstrap, Responsive Design

Backend Development: Node.js, REST APIs, Database Integration

Databases: SQL, Database Management Systems (DBMS)

Tools & Technologies: Git, GitHub, MATLAB, Vivado, LTspice, KiCad

Hardware & Design: FPGA Design, Embedded Logic Design, LibGDX

Design & Productivity: Figma, Canva, Google Slides, PowerPoint, Excel

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, Web Development

CERTIFICATIONS

- Full Stack Web Development - Apna College
- Google Ads Apps Certification – Google
- C++ - Udemy
- Google Ads Display Certification – Google

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).