

# Yash Porwal

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## EDUCATION

### Vellore Institute of Technology

*Bachelor of Technology in Computer Science and Engineering, GPA: 8.98*

Bhopal, India

Sep '22 - ongoing

### IBS Global Academy

*12<sup>th</sup> Standard: CBSE Board, Percentage: 90.4%*

Ujjain, India

Apr '21 - Mar '22

### St. Thomas School

*10<sup>th</sup> Standard: ICSE Board, Percentage: 91.6%*

Ujjain, India

Apr '19 - Mar '20

## EXPERIENCE

### Design Team Member — Dance Club

Jun '23 - Feb '25

- Collaborated within a creative team, contributing innovative designs and fostering a collaborative environment.
- Collaborated with team members to choreograph and perform various dance styles.
- Actively participated in and assisted with organizing dance workshops and events, enhancing club engagement.

### Workshops & Industrial Visits

Sep '24 - Oct '24

- Understood startup ecosystems and innovation support at T-Hub, a premier startup incubation center.
- IoT & Embedded C workshop in Pune - Programmed ESP32, interfaced sensors (ultrasonic, LED), and enabled Bluetooth/Wi-Fi communication.
- BSNL Data Center, with insights into data storage, backup systems, fault tolerance, and network Security.
- L&T Metro Rail, Hyderabad - Gained insights into metro operations, ticketing systems, control room monitoring, and maintenance processes.

## PROJECTS

### FlashPoint | Dynamic News Website

HTML, CSS, JavaScript, API

- Developed a responsive news website with a 95% Lighthouse performance score, optimizing user experience.
- Applied category-based filtering, improving content discoverability by 40%.
- Incorporated search functionality, reducing article retrieval time by 50% and boosting engagement.
- Connected to a real-time News API, ensuring 100% up-to-date content for users.
- Established credibility by displaying news sources & publication dates, improving user trust by 30%.

### eVentIT | Online Meeting & Event Management Platform

WebRTC, PeerJS, Socket.IO, JavaScript

- Designed a hierarchical user system, improving event management efficiency by 60%.
- Integrated WebRTC & PeerJS, achieving a low-latency 720p+ video streaming experience.
- Built instant messaging via Socket.IO, enhancing real-time communication by 40%.
- Ensured security & authentication, preventing unauthorized access and maintaining 99.9% uptime.
- Provided teachers with advanced admin tools, streamlining event scheduling and attendance tracking, reducing manual effort by 50%.

## SKILLS

**Languages:** Advance: Java || Intermediate: C++ || Novice: JavaScript

**Tools:** Git, GitHub, Linux, Windows, MacOS, Visual Studio, Eclipse

**Technologies:** HTML, CSS, SQL

## ACHIEVEMENTS

- 1st Prize: Tote Bag Painting Competition during the annual college fest.
- GFG College Rank: 2800/9900
- MMVY Scholarship Recipient: Awarded the prestigious Mukhyamantri Medhavi Vidyarthi Yojana Scholarship that provides a 75% waiver on tuition fees for a period of 4 years.

## CERTIFICATIONS

**AWS:** Cloud Practitioner Foundational

June '25