

# Yash Porwal

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering, CGPA: 9.01

### IBS Global Academy

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

### St. Thomas School

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

Bhopal, India

Sep '22 - ongoing

Ujjain, India

Apr '21 - Mar '22

Ujjain, India

Apr '19 - Mar '20

## EXPERIENCE

### 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

### SpringBlog | Secure Personal Blog Platform

Spring Boot, JWT, MySQL, HTML/CSS/JavaScript, REST API

- Developed a full-stack blog platform with secure JWT-based authentication and session-less API access.
- Designed RESTful endpoints for posts, likes, and comments, achieving 100% CRUD coverage and seamless frontend integration.
- Built a responsive HTML/CSS/JavaScript frontend with dynamic routing and real-time updates using fetch.
- Implemented file upload support (images in blog posts) using multipart/ form-data, improving user engagement.
- Enabled per-post like and comment system, increasing interactivity and user retention by 45%.

### 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%.

## SKILLS

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

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

**Technologies:** SpringBoot, HTML, CSS, MySQL

## CERTIFICATIONS

**AWS:** Cloud Practitioner Foundational

June '25

**NPTEL:** Cloud Computing (Elite + Silver Certificate)

Dec '23

## ACHIEVEMENTS

- Solved 250+ DSA and Databases questions on leetcode and GFG.
- 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.

## EXTRACURRICULAR

- Design Team Lead**, Dance Club VIT Bhopal – Contributed innovative designs and assisted with multiple dance workshops, each drawing a crowd of 300 attendees.
- Event Management**, adVITya'25 – VIT Bhopal annual tech fest - Led stage management, green room coordination, and overall backstage operations for technical and cultural events, ensuring smooth transitions and real-time issue resolution during live shows.

## OTHERS

**Languages:** English, Hindi

**Hobbies:** Sketching, Dancing, Badminton, Typing