Yash Porwal

Ujjain, Madhya Pradesh, India

8839443740 | porwalyash842@gmail.com | linkedin.com/in/yash–porwal | github.com/Yash-p842

EDUCATION

Vellore Institute of Technology	Bhopal, India
Bachelor of Technology in Computer Science and Engineering, CGPA: 9.01	*Sep '22 - ongoing*
IBS Global Academy	Ujjain, India
12th Standard: CBSE Board, Percentage: 90.4%	*Apr '21 - Mar '22*
St. Thomas School	Ujjain, India
10th Standard: ICSE Board, Percentage: 91.6%	*Apr '19 - Mar '20*

PROJECTS

Retail Billing Software | Spring Boot, MySQL, Spring Security, AWS S3 *Jun '25 - ongoing*
Role-Based Backend for Retail POS System *GitHub | Demo*
- Developed a modular Spring Boot backend for a Point of Sale (POS) system with secure JWT-based role authentication.
- Designed and implemented 15+ RESTful APIs enabling CRUD operations for categories, items, carts, and customer orders.
- Built complete billing flow with cart, checkout, and order summary generation, supporting real-time calculations.
- Integrated AWS S3 for scalable image uploads, and added search/filter features to enhance product and customer navigation.
- Achieved sub-200ms API response times through layered architecture, pagination, and efficient data access patterns.

SpringBlog | **Spring Boot, JWT, MySQL, REST API** *Apr '25*
Secure Personal Blog Platform *GitHub | Demo*
- 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 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 | **HTML, CSS, JavaScript, API** *Oct '23*
News Website *GitHub | Demo*
- Build 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.

SKILLS

Languages: Java, C++, MySQL
Tools: Git, GitHub, Postman
Technologies & Frameworks: Spring Boot, HTML, CSS, AOP

CERTIFICATIONS

AWS: Cloud Practitioner Foundational	*Jul '25*
NPTEL: Cloud Computing (Elite + Silver Certificate)	*Dec '23*

ACHIEVEMENTS

- Solved 250+ DSA and Databases questions on leetcode and GFG.
- 1st Prize: Tote Bag Painting Competition during the annual college fest.
- **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.