



## RUBY KUSHWAH

Btech- Computer Science & Engg

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Indore, Madhya Pradesh,



### BRIEF SUMMARY

B.Tech CSE student skilled in **Java, Python, DSA**, and **OOP principles**, with hands-on experience in **Spring Boot, SQL, and cloud basics**. Strong in **problem-solving, debugging, and team collaboration**, eager to learn and build scalable applications.

### KEY EXPERTISE

- Core Java, Spring Boot (Basics), Python, SQL (DBMS)
- HTML, CSS, JavaScript, React.
- Strong communication, teamwork, and problem-solving skills.
- Eager to learn test design, automation, and debugging techniques.

### EDUCATIONAL DETAILS

- **Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, Indore**  
Bachelor of Technology (B.Tech), Computer Science & Engineering  
**CGPA:** 9.03/10 | 2022 – 2026
- **Shri Cloth Market Vaishnav Bal Mandir Girls School ,Indore(CBSE)**  
**Class XII (Senior Secondary) – 2022**  
**Percentage:** 83.5%
- **Shri Cloth Market Vaishnav Bal Mandir girls School, Indore (CBSE)**  
**Class X (Secondary) – 2020**  
**Percentage:** 88.8%

### AWARDS AND SCHOLARSHIPS

- **MCQ Scanner App (April 2024):** Won Intercollege Software Competition at PIEMR, Indore for developing an AI-driven MCQ scanning and quiz generation app with self-designed UI.
- **Merit Scholarship:** Awarded by college for maintaining 9+ CGPA consistently.

### INTERNSHIP

#### AI INTERN – INFOSYS SPRINGBOARD (REMOTE)

Feb 6 – Mar 25, 2025 | Team Size: 25 (Pan-India Collaboration)

Project: **AI-based Smart Traffic Management System**

- Contributed to designing a real-time traffic monitoring system integrating ANPR (license plate recognition) and vehicle counting using YOLOv8 and Tesseract OCR.
- Worked on front-end UI screens and system flow visualization to support real-time monitoring dashboards.
- Assisted in integrating backend logic using Python, OpenCV, and Flask for data processing workflows

#### Key Learnings:

**Technical:** Real-time image processing, YOLO-based detection, OCR, Python workflows, Flask .

**Behavioural:** Team collaboration, documentation discipline, problem-solving, structured execution.

Tech Stack: Python · OpenCV · YOLOv8 · Tesseract OCR · Flask · React · Git.

## PROJECTS

### **Student Management System (2025) – Java, Spring Boot, SQL, React**

Developing a CRUD application to manage student records using Spring Boot and MySQL. Tested core functionalities manually and validated backend operations.

### **Finance Dashboard (2024) – Python**

Built an interactive dashboard with Pandas and Matplotlib to visualize income, expenses, and savings. Generated line, bar, and pie charts for trend analysis and monthly summaries, aiding decision-making.

### **MCQ Scanner App (April 2024) – AI, Mobile App**

Won Intercollege Software Competition at PIEMR, Indore. Developed an AI-driven app using OCR and Computer Vision to scan MCQs and auto-generate quizzes. Designed an intuitive UI for quiz creation, editing, and instant scoring.

### **Portfolio Website (2023) (HTML, CSS, JavaScript, Firebase)**

Built a responsive personal portfolio website showcasing projects, skills, resume, and contact form. Integrated Firebase for hosting and form data handling. Optimized for mobile and desktop with smooth navigation and animations. Highlights academic achievements, internships, and tech stack expertise.

## ACHIEVEMENTS

- Attended Technical Workshops ( AI/ML, Web Dev Bootcamps)
- Participated in Hackathons (Smart India Hackathon(2023 , 2024), Intra – College Hackathons

## ASSESSMENT and CERTIFICATIONS

Python Programming (ELITE) – NPTEL,	Jul–Oct 2024
Database Management Systems (DBMS) – NPTEL,	Jul–Sept 2024
Soft Skills Development – NPTEL,	Jan–Mar 2024
IBM Practitioner and Co-Creator Badge in Enterprise design thinking .	March 2024

## EXTRA CURRICULAR ACTIVITIES

Writing blogs and articles.

## PERSONAL INTERESTS / HOBBIES

Creative Drawing & Sketching, Listening Music, Exploring New Places, Puzzles & Brain Challenges

## PERSONAL DETAILS

- Strengths: Active Listener, Quick Learner, Effective Team collaboration skills, Strong Communication Skills
- Date of Birth: 2<sup>nd</sup> January 2004
- Contact Number: +91 7697791849
- Current Address: 33,Mukharjee nagar sanwer road, Indore, Madhya Pradesh – 452015, India

## Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I bear the responsibility for the correctness of the above-mentioned particulars.

Signature

Place: INDORE

RUBY KUSHWAH