



Parv Tiwari
UG III Year
SGSITS, Indore
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Enrollment No.: 0801CS231096
Department: Computer Science
Gender: Male
Specialization: None
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Academic Details

Degree / Certificate	University / Board	Institute	Year of Passing	CGPA / Percentage
Graduation	RGPV	Shri G. S. Institute of Technology and Science	2027	9.13 (till 4 th Semester)
12 th	CBSE	Choithram School	2022	93.4%
10 th	CBSE	Choithram School	2020	84.8%

Scholastic Achievements

- Secured an AIR 33777 in **JEE Main 2023**, placing in the **top 3%** out of over 1.1M candidates at the national level
- Secured **2nd position** in coding competition 'Tech Track' organized by CodeFoster
- NPTEL Certified** in **Artificial Intelligence: Search Methods for Problem Solving** (IIT Madras)

Technical Projects

MetroMart – Full-Stack Inventory & Sales Platform

- Developed a scalable **full-stack system** for inventory, sales, and customer management
- Built and optimized a **normalized PostgreSQL database** (10+ tables) focusing on **data integrity, query performance and scalability**
- Improved system reliability using **stored procedures, triggers and structured error handling**
- Tech:** PostgreSQL, Express.js, Node.js, JavaScript, REST APIs, SQL

DineFlow – Restaurant Operations Management System

- Developed a **scalable backend-driven web application** to streamline restaurant operations
- Designed **real-time order tracking and reservation workflows**, simulating real-world production systems
- Worked in **Agile** (Scrum), collaborating through Git-based version control and sprint planning
- Tech:** Node.js, Express.js, MySQL, JavaScript, Git, Agile

Blood Donation Android App

- Built an Android application with **secure authentication and real-time database synchronization**
- Implemented **location-based search** optimized for fast retrieval and usability
- Implemented donor search functionality** by blood type and location with one-tap calling
- Tech:** Java, XML, Firebase, Android Studio, Location Services

Portfolio

- Built a responsive, high-performance portfolio using **Next.js and Tailwind CSS** with smooth animations via **GSAP** and dark/light theme support
- Implemented reusable components, optimized loading, and deployed on **Vercel** with SEO-friendly structure
- Tech:** Next.js 14, React, Tailwind CSS, GSAP, Vercel, JavaScript

Technical Skills

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|------------------------------------|------------------------------------------------------------------------------------------------------|
| Languages | : English, French, Hindi |
| Operating Systems | : Windows, Linux |
| Programming Skills | : C, C++, Java, Python, JavaScript, SQL |
| Web Designing | : HTML5, CSS3, Bootstrap, Tailwind CSS, Material UI, React.js, Redux, Node.js, Express.js, REST APIs |
| Database Management | : MySQL, PostgreSQL, MongoDB |
| Development Tools | : VS Code, Android Studio, Github, Git |
| Software & Design Tools | : MS Office, CorelDRAW |
| Additional Exposure | : Machine Learning, Data Analysis, NLP |
| Soft Skills | : Problem Solving, Communication, Team Collaboration, Leadership, Time Management, Decision Making |

Positions of Responsibility

Coordinator at CodeFoster

May'25 - Present

- Led and coordinated coding mentorship sessions and technical workshops
- Collaborated with peers to drive participation, engagement and peer learning
- Supported early learners in building strong problem-solving foundations

Extracurricular Activities

- Basketball:** Team player with strong coordination and strategic thinking
- Photography:** Visual storytelling and creative exploration
- Music (Synthesizer):** Composition and experimentation