Parv Tiwari

B.Tech Computer Science | SGSITS Indore (RGPV) | **CGPA: 9.13**

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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 4th Semester)
12th	CBSE	Choithram School	2022	93.4%
10th	CBSE	Choithram School	2020	84.8%

Scholastic Achievements

- **JEE Main 2023:** AIR **33777**, Top **3%** among 1.1M+ candidates nationwide
- **2nd Place**, *Tech Track* Coding Competition – CodeFoster
- Strong performance in competitive programming and algorithmic problem solving

Technical Projects

MetroMart – **Full-Stack Inventory & Sales Platform**
- Designed and developed a **full-stack web application** for supermarket inventory, sales, and customer management
- Modeled and optimized a **normalized PostgreSQL database (10+ tables)** using stored procedures, triggers, and performance-tuned queries
- Implemented RESTful APIs and business logic to support real-world transaction workflows
- **Tech:** PostgreSQL, Supabase, Node.js, Express.js, REST APIs, JavaScript, SQL, HTML, CSS

DineFlow - **Restaurant Operations Management System**
- Developed a **scalable full-stack web application** to streamline restaurant operations
- Implemented **table reservations, real-time order tracking and digital invoicing**
- Followed **Agile/Scrum** with 4-week sprints and version control using Git
- **Tech:** Node.js, Express.js, MySQL, JavaScript, HTML5, CSS3, EJS, Git, Agile

Blood Donation Android App
- Built an **Android application** enabling secure donor registration, authentication, and profile management
- Implemented **location-based donor search** by blood type with real-time database updates and one-tap calling
- **Tech:** Java, XML, Firebase Authentication, Firebase Realtime Database, Android Studio, Location Services

Technical Skills

Languages	:	English, French, Hindi
Programming Languages	:	C, C++, Java, Python, JavaScript, SQL
Web Technologies	:	HTML5, CSS3, Tailwind CSS, Bootstrap, Node.js, Express.js, REST APIs, React.js, Redux
Databases	:	MySQL, PostgreSQL, MongoDB
Tools & Platforms	:	VS Code, Android Studio (Java, XML), Github, Git
Additional Exposure	:	Machine Learning, Data Analysis, NLP, IOT

Courses Undertaken

Core
- Object Oriented Programming
- Data Structures
- Agile Methodology
- Database Management System
- Design and Analysis of Algorithms
- Machine Learning

Breadth
- Computer Architecture
- Discrete Structure
- Mobile Application Development
- Economics for Engineers
- Mathematics

Coding Profiles

Competitive Programming: 1200+ problems solved | HackerRank: 5★ (C++) | CodeChef 1386 | Leetcode 1445 | Codeforces 739

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