SRASHTI SONI

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EDUCATION

B.Tech in Computer Science (core)   Aug 2024 – Present
Jaipur Engineering College and Research Centre University, Jaipur   CGPA: 8.21/10

Senior Secondary   Apr 2023– Mar 2024
St. Stephen's Higher Secondary School, Ratlam (M.P)   84.54%

PROJECTS

Academic Management System

- Developed a simple student record management system using Java and MySQL to store and retrieve basic academic details.
- Implemented basic CRUD operations (add, update, delete, view) using JDBC connections and structured Java classes.
- Built menu-driven workflows and applied basic OOP concepts to organize functions and improve code readability.
  Tech Stack: Java, MySQL, JDBC

Personal Web Portfolio Interface

- A responsive web portfolio interface using semantic HTML architecture and advanced CSS layout principles, including Flexbox/Grid.
- Mobile-first UI components with structured typography, accessibility considerations, and optimized rendering performance.
  Tech Stack: HTML5, CSS3, GitHub Pages

Algorithmic Progress Tracking System

- Built a console-based algorithmic tracking system using core data structures (arrays, stack, queue) to organize solved problems, difficulty categories, and revision cycles.
- Implemented CRUD-style operations through modular Java methods following OOP design patterns and efficient memory-handling principles.
- Demonstrates proficiency in DSA fundamentals, algorithmic grouping logic, and structured Java programming for real-world problem tracking workflows.
  Tech Stack: Java, Arrays, Stacks, Queues, OOP

TECHNICAL SKILLS

- Programming: C, C++, JAVA , Python (Basic), Basic SQL, MySQL, JDBC
- Core Concepts: Data Structures & Algorithms, OOP, Opera ng Systems (Basic)
- Tools: Git, GitHub, VS Code, IntelliJ IDEA
- Web: HTML5, CSS3
- Skills: Problem-Solving, Teamwork, Communication, Time Management, Quick Learner

ACHIEVEMENTS & CERTIFICATIONS

- Certification in core Java and object-oriented programming fundamentals. [Certificate]
- Engaged in a competitive inter-college debate event, showcasing public speaking abilities and structured argumenta on.
- Idea spark 2.0— Placed in top 15% among 200+ developers.