ISHA RANI

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CAREER OBJECTIVE

To utilize my full-stack development expertise—supported by strong foundations in algorithms and data structures—to build scalable, web-based tools that streamline project planning and management at Civil Mantra, while expanding my skills in civil infrastructure technology.

TECHNICAL SKILLS

Language: C, C++, PYTHON(Basic), SQL

Web: HTML5, CSS3, PHP(Basic)

TOOLS: Git, GitHub, VS code

Concept: Data Structure, Algorithm, OOP, OS, DBMS, CN

COMPUTER SCIENCE KNOWLEDGE

CN: OSI Layer, TCP, IP Addressing

OS: Scheduling (FCFS, RR), Paging, Deadlocks

DBMS: SQL, Joins, Subqueries, Normal Forms (1NF-3NF), ACID

DSA: Arrays, Linked Lists, Basic(Strings ,Trees, Graphs, Heaps)

LANGUAGES KNOWN ADDITIONAL SKILLS

English **|** Hindi

ADDITIONAL SKILLS

MS-Excel **|** MS- Word **|**Operating System **|** Communication Skills

EDUCATION

Bachelors in Computer Application| Chandigarh University, Gharuan
Session: 2023-2026 | CGPA: 8.89

Intermediate (CBSE) |St. Joseph Public School, Bihar
Session: 2021-2023 | Percentage: 84%

Matriculation (CBSE) | R.C. Academy, Bihar
Session: 2020-2021 | Percentage: 81.8%

TRAINING & PROJECTS

Shobhit Biomedical Society- SUBMS| INTERN
June 2024
Worked as an intern
Performed and observed the working of NGOs

◈**TIC-TAC-TOE GAME**
C++
- Implemented player logic using arrays and win-checking algorithms
- Added UI for two-player gameplay in CLI

https://github.com/isha-rani05/Tic-Tac-Toe

◈**Hospital-management-system**
SQL, MySQL, PHP
- Developed a system to manage patients, appointments, and doctors using SQL
- Used joins and queries to generate detailed reports

https://github.com/isha-rani05/hospital-management-system

◈**Blood-donation**
PHP, MySQL
- Built a donor registration and search system using server-side scripting
- Created login/authentication features

https://github.com/isha-rani05/blood_donation/tree/main

◈**My-Planner-To-Do List Web App**
HTML, CSS, JavaScript
- Built a responsive productivity web app with add/delete/edit features
- Implemented local storage for offline data persistence
- Hosted with GitHub Pages

https://github.com/isha-rani05/My-Planner
Live Demo: https://isha-rani05.github.io/My-Planner/

CERTIFICATIONS & AWARDS

- **5-Star in SQL** – HackerRank
- Introduction to Generative AI
- Entrepreneurship
- Leadership and Time Management
- Learning Python
- Design Thinking and Creativity for Innovation
- Academic Paper Writing and IPR

EXTRA CURRICULAR & CO-CURRICULAR ACHIEVEMENTS

- **Class Representative (CR) & TPP CR** — **Chandigarh University**
  Elected CR and TPP CR for 2 consecutive terms; led communication between faculty, TPP cell, and students.
- Leadership certification
- Certificate for achievement in an essay writing competition.
- **Event Anchoring** – Managed compering and stage coordination