Ritika Sinha

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SKILLS

- **Languages**: C++ , Java, JavaScript, PHP
- **Frameworks**: HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms**: MySQL, Wordpress, Postgresql
- **Soft Skills**: Problem-Solving, Leadership, Time Management

PROJECTS

ReadMatch – Book Recommendation & Ordering System   Oct'24-Nov '24

- Implemented a secure authentication system with robust session management, reducing unauthorised access incidents by **40%**.
- Developed a personalized book recommendation quiz, increasing user engagement by **60%**.
- Designed a responsive and intuitive UI, resulting in a **50%** boost in user satisfaction.
- Enabled seamless browsing and ordering of books, improving average session time by **35%**.

Tech: HTML, CSS, Javascript, MySQL, PHP

BrainTeaser   May'24-Apr' 24

- Designed interactive brain games to classify users as left- or right-brained, engaging **200+** users.Developed a RESTful API using Node.js to handle game logic and data processing.
- Developed a **RESTful API using Node.js** to efficiently handle game logic and data processing, improving response time by **30%**
- Integrated PostgreSQL to track and analyse real-time user performance, enabling accurate feedback delivery with **95%** consistency.

Tech: Nodejs, PostgreSQL, HTML and CSS

CERTIFICATES

Building Web Application in PHP	*Coursera*	Nov' 24
Design & Implementation of Human-Computer Interfaces	*NPTEL*	Nov' 24
Data Structure and Algorithms - Self-Paced	*GFG*	Jul' 24
Object-Oriented C++: Inheritance and Encapsulation	*Coursera*	May' 24
Introduction to Large Language Models	*Coursera*	Jan' 24

EXTRA-CURRICULAR

Website Development For NGO (Pahela Kadam) :   Jul' 23

Built an interactive website using WordPress and Envato templates

PSSSB Biometric Attendance Supervisor: May' 23

Oversaw biometric implementation for the PSSSB examination process.

TechOcean Student Volunteer: May' 23

Assisted in organising and managing tech events.

EDUCATION

Lovely Professional University	Punjab, India
*Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.17***	Sept'22-Present
DAV Public School	Bihar, India
*Intermediate;PCM; **Percentage: 85.4%***	Mar'19 -May'21
DAV Public School	Bihar, India
*Matriculation; **Percentage: 96.8%***	Mar'17 -May'19