

RAHUL ARORA

 LinkedIn  Github  rahularora.tech  rahularora2715@gmail.com  +91 9878736065

Education

Manipal University Jaipur, Jaipur <i>B.Tech in Computer Science & Engineering</i>	2021 – 2025 8.00/10 CGPA
Gurukul Global School, Chandigarh <i>Class XII</i>	2021 80.8%
Bhavan Vidyalaya Panchkula, Panchkula <i>Class X</i>	2019 89.6%

Projects

Ethereum Supply Chain Management	Jan 2024 – May 2024
<ul style="list-style-type: none">Developed a decentralized supply chain management system using Next.js, providing a transparent and immutable record of shipment statuses for usersImplemented smart contracts with Solidity and deployed them using Hardhat, ensuring secure and automated handling of supply chain data on the Ethereum blockchainUtilized Tailwind CSS for a responsive and user-friendly interface, enhancing the overall user experience	
Real-time Multiplayer Game - typetowin	May 2023 – June 2023
<ul style="list-style-type: none">Developed a real-time multiplayer typing game, utilizing React (Vite), JavaScript, and Tailwind CSS for the frontend, providing an engaging and competitive experience for usersImplemented Node.js and Express for the server-side logic, enabling efficient handling of game sessions and player interactionsUtilized MongoDB as the database solution for storing user profiles, game statistics, and leaderboard data, ensuring seamless data management and retrievalIncorporated Socket.io for real-time bidirectional communication between players, enabling instant updates and synchronization during gameplay	
Library Management System	Oct 2022 – Dec 2022
<ul style="list-style-type: none">Developed a Library Management System using PHP, HTML, Tailwind, JavaScript, and MySQL technologiesCreated a secure authentication system for admin and users to ensure data privacy and access controlImplemented features for adding, updating, and deleting books from the library database, including categorization and author informationDeveloped functionalities for renting books from the library, including checking availability and reserving books on the client side	

Technical Skills

Languages: Java, JavaScript
Frontend: HTML, CSS, React, Next.js, Tailwind CSS
Backend: Node.js, Express.js
Clouds & Databases: MongoDB
Developer Tools: VS Code, Git, GitHub

Positions of Responsibility and Certifications

- Led and coordinated a vibrant community of **800+** students as part of the **IEEE Student Branch**
- Completed the **NPTEL** certification examination in **Design and Analysis of Algorithms**
- Achieved **4th place** in **MUJ HackX**, competing against **600+** participants