Rahul Arora

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Education

Manipal University Jaipur, Jaipur	**2021 - 2025**
B.Tech in Computer Science & Engineering	*8.08/10 CGPA*
Gurukul Global School, Chandigarh	**2021**
Class XII	*80.8%*
Bhavan Vidyalaya Panchkula, Panchkula	**2019**
Class X	*89.6%*

Projects

Ethereum Supply Chain Management   Jan'24 - present

- Developed a supply chain management application on the Ethereum blockchain, allowing suppliers to list products, retailers to place orders, and automatic payment distribution based on predefined rules
- Implemented shipment tracking functionality using oracles to fetch real-time data and store it on the blockchain
- Integrated payment system with Ethers for secure and transparent transactions.

Ecommerce Website   May'23 - Aug'23

- Developed a full-stack e-commerce platform using Next.js, TypeScript, and Shadcn providing users with a seamless shopping experience and efficient backend services
- Implemented authentication and authorization features using JWT tokens for secure user access
- Integrated payment gateway Stripe to facilitate online transactions within the application

Library Management System   Oct'22 - Dec'22

- Developed a Library Management System using PHP, HTML, Tailwind, JavaScript, and MySQL technologies.
- Developed a secure authentication system for admin and users to ensure data privacy and access control.
- Implemented features for adding, updating, and deleting books from the library database, including categorization and author information.
- Developed functionalities for renting books from the library, including checking availability and reserving books on the Client side.

Technical Skills

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

Position of Responsibility and Certifications

- Led and coordinated a vibrant community of 800+ students as part of the IEEE Student Branch.
- Successfully completed the NPTEL certification examination for Design and Analysis of Algorithms
- Placed 4th in MUJ HackX (Senior Category) out of 600+ participants