



RAHUL SHARMA

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[Leetcode](#) [Portfolio](#)

EDUCATION

Delhi Technological University, New Delhi <i>B. Tech (Engineering Physics), CGPA: 8.09/10 (up to 6th Semester)</i>	2021 - 2025 <i>New Delhi</i>
Siddhartha Public School, New Delhi <i>Class XII, CBSE Board</i>	2020 - 2021 <i>82%</i>
Vaish Model Sr. Sec. School, Bhiwani <i>Class X, CBSE Board</i>	2018 - 2019 <i>91%</i>

PROJECTS

ValoInfo — <i>Stats-Tracker — React JS, Node JS, React Query, APIs, MongoDB</i>	Live Project / Github
<ul style="list-style-type: none">Built a comprehensive stats and match-tracking platform for Valorant, displaying data on 15,000+ players across 50+ matches and 8 leagues.Integrated Redis and React Query to cache data, cutting API fetch time by 95% from 5 seconds to 2.3 seconds, with subsequent fetches being nearly instantaneous.Developed role-specific dashboards for users and admins, supporting secure CRUD operations for posts and event management via a backend API.Enhanced SEO score from 65 to 85 by optimizing performance through lazy loading, debouncing, and code splitting.	
Homyz — <i>Real Estate — React, Node, MongoDB, Express, Redux, JWT</i>	Live Project / Github
<ul style="list-style-type: none">Boosted website performance by 10% through replacing Context API with Redux for efficient state management.Reduced database query response time by 33% from 3ms to 2ms using index optimization techniques.Implemented JWT-based secure authentication and authorization to protect user-specific resources.Designed API routes for optimized user listing management and improved search functionality using advanced query handling techniques.	
Ryde — <i>Cab Booking — React-Native, PostgreSQL, Neon, Expo, Zustand, Clerk, Stripe</i>	Github
<ul style="list-style-type: none">Developed user authentication and authorization using Clerk, ensuring secure and efficient login, sign-up, and session management.Integrated Google APIs to provide real-time map views, route planning, markers, and live user location tracking, improving navigation features.Utilized Neon, a serverless PostgreSQL platform, to manage dynamic data for drivers, users, and ride histories, leveraging autoscaling for enhanced performance.Integrated Stripe for secure payment processing, and developed backend APIs to facilitate reliable transaction management.	

SKILLS

Languages: C, C++, HTML/CSS, JavaScript
Developer Tools: Visual Studio, Git
Frameworks: Node.js, React.js, APIs, Next.js, MongoDB
Soft Skills: Teamwork, Communication, Leadership, Task Management

POSITION OF RESPONSIBILITY

Co-Director Technical Affairs — <i>DelTech MUN and DebSoc</i>	Live Project / Github
<ul style="list-style-type: none">Led a team of 5 to develop the society's website and an event registration portal using Postgres and Supabase.Oversaw both frontend and backend development to ensure a smooth and user-friendly event registration process.Demonstrated leadership, communication, and problem-solving skills, resulting in enhanced attendee satisfaction.	

OTHERS

- Solved **300+ LeetCode problems**, showcasing strong algorithmic and problem-solving skills.