Rajul Chaudhary

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EDUCATION

Delhi Technological University (DTU) Delhi, India | 2022-2026
B.Tech **CGPA**: 8.97 (Branch Rank 1)

OPG WORLD SCHOOL Delhi, India | 2021
CLASS XII **Percentage**: 86%

OPG WORLD SCHOOL Delhi, India | 2019
CLASS X **Percentage**: 94%

WORK EXPERIENCE

CRIS (CENTRE FOR RAILWAY INFORMATION SYSTEMS) New Delhi | June 2024 – July 2024
Software Developer Intern

- Collaborated with various stakeholders to design and build WAGONS UI in Master Data Management team under the MDM project
- Implemented query optimization techniques, including indexing, to significantly reduce database response times, enhancing overall system performance
- Working on a **Node.js** Backend, **React.js** Frontend and **Postgres** Database

PROJECTS

PORTFOLIO WEBSITE ↗ HTML, CSS, JavaScript

- A Responsive Portfolio website to showcase my skills and experience

E-COMMERCE WEBSITE ↗ React JS, MongoDB, Express and Node JS

- Displays a range of products with descriptions, images, prices and availability
- Enables users to add and manage products they intend to purchase in their cart
- Added admin panel for adding and updating products and their details

SORTING VISUALIZER ↗ JavaScript

- A simulation which displays the elements of an array on a beautiful UI with attractive animations of elements being sorted using various sorting algorithms like merge sort and quick sort.

SKILLS

Languages: C++, C, Javascript **Web Development:** React JS, Node JS, JavaScript, HTML, CSS
Databases: SQL, MongoDB **Version Control:** Git

ACHIEVEMENTS

- Rank **1** in Branch
- Solved more than **500 DSA Questions** on platforms like Leetcode(Link), Code360 (Link)
- Selected as **Open source contributor** for GSSOC'24 (GirlScript Summer of Code)
- Scored 97.3% in Data Structures in C++ Course (Coding Ninjas)

POSITIONS OF RESPONSIBILITY

- **Corporate Head at YUVAAN (Literature and Film Council of DTU) :** Led a team of 15+ students to arrange sponsors and organize YUVAAN (North India's Largest Film and Literature Festival) which had a footfall of more than 50000
- **Mentor at Desh Ke Mentor :** Mentored 4 students in classes 10th and 12th in their preparation for board exams and choosing career paths for their future