Rohan Rai

Roll No.: 22MCF1R42
Master of Computer Application (MCA)
National Institute Of Technology, Warangal

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in Rohan Rai

EDUCATION

- **National Institute of Technology, Warangal** *Aug 2022 - Jun 2025*
  Master of Computer Application (MCA) CGPA: 7.72

- **Govt. Nirbhay Singh Patel College (DAVV University), Indore** *Jun 2019 - Jun 2022*
  Bachelor of Science (BSC) CGPA: 7.31

- **Harda School Of Education, Harda** *Apr 2018 - Apr 2019*
  Higher Secondary School Certificate Examination (HSSC) Percentage: 91%

- **Harda School Of Education, Harda** *Apr 2016 - Apr 2017*
  High School Certificate Examination (HSC) Percentage: 90%

PERSONAL PROJECTS

- **Sorting Visualizer** *Mar - Apr 2023*

  Sorting Visualizer is an interactive platform used to visualize multiple sorting algorithms. *GitHub Repo*

  – Tools & technologies used: Node-Js , HTML, CSS and Javascript.
    - Implemented algorithms like Bubble Sort, Selection Sort, Merge Sort, and Quick Sort.
    - Customize the array size and speed of the visualization to observe the sorting process at different scales.
    - Interactive UI with intuitive controls for starting, pausing, and resetting the visualization.
    - Color-coded bars representing the array elements to visualize their sorting progress..
    - DOM manipulation for rendering the array elements and updating the visualization.

- **Online-Book-store Website** *May - Jun 2022*

  A website for Book recommend and purcahse. *GitHub Repo*

  – Tools & technologies used: HTML, CSS and JavaScript
    - Implemented Shopping Cart, Catalogue, Book details section.
    - Add User Authentication: Sign up and log in securely to access.
    - Implemented Nav-bar,Section body and Site Structure Using HTML.
    - Color themes, Formatting and Presentation using CSS.
    - Bootstrap and CSS framework for responsive design and UI components.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, C, Java, R, SQL, HTML, CSS, JavaScript.
Developer Tools: Git, GitHub.
Cloud/Databases: MySQL.
Soft Skills: Leadership, Teamwork, Communication, Critical Thinking.
Coursework: DSA, Database, Web Technologies.
Areas of Interest: Full-Stack Development, competitive Programming.

ACHIEVEMENTS

- Secured an All India Rank of 334 in NIMCET 2022.
- INTRA-NIT Badminton (Jan 2023) 2nd Runner-up in an Intra-Department Badminton competition held by CSEA .
- INSPIRE Scholarship award for securing top 1% percentile in boards.
- Secured first rank in High School and Intermediate, rewarded with Excellence award.

CODING PLATFORM PROFILES

LeetCode(Rohan_Rai): Did 240+ Questions DSA based, Participated 1450+ Rating.
GFG(rairohan23_): Did 250+ Questions DSA based.
Hacker-Rank(rairohannit23): Achieved 4 Star (Problem Solving) , 5 Star (C++).
CodeChef(rairohan 23): Achieved 2 Star Rating and having 1524 Rating.