MILAN GUPTA

Indore, Madhya Pradesh

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EDUCATION

National Institute of Technology, Tiruchirappalli   **2022 – 2025**
*Master in Computer Application - **CGPA** - **7.45***   *Trichy, Tamil Nadu*

K.K. Vigyan Avan Vyavasaik Adhyayan Mahavidyalaya, Indore   **2019 – 2022**
*Bachelor of Science in Mathematics - **CGPA** - **8.13***   *Indore, Madhya Pradesh*

COURSEWORK / SKILLS

- DSA
- Oops Concepts
- Cloud Computing
- DBMS
- Operating Systems
- Computer Networks
- Software Engineering

PROJECTS

Bid-Dash:Online Auction System ⌐ |MongoDB, Express.js, React.js, Node.js, JWT   May-June 2024

- Developed an online auction platform for buying and selling items.
- Implemented user authentication and authorization using JWT and OAuth for secure access.
- Enabled features for auction creation, bidding, and management, ensuring a transparent process
- Developed a RESTful API for efficient backend communication and real-time auction updates.
- Designed MongoDB schemas for storing users, auctions, bids, and products effectively.
- Created front-end components using React.js for user registration, login, and auction browsing.

Sorting Visualizer ⌐ | HTML, CSS, JavaScript   Nov-Dec 2023

- Developed an interactive platform to visualize sorting algorithms.
- Implemented algorithms like Bubble Sort, Selection Sort, Merge Sort, and Quick Sort. Enabled customization of array size and visualization speed.
- Utilized color-coded bars to represent array elements and visualize their sorting progress.
- Employed DOM manipulation for rendering and updating array elements dynamically.

Youtube Bookmarker - Chrome Extension ⌐ | Manifest V3,JavaScript,Storage API   June-July 2024

- Developed a Chrome extension for bookmarking YouTube video timestamps.
- Implemented bookmarking for YouTube video timestamps, enabling users to save and revisit key moments.
- Integrated Event Listeners for bookmarking, playback, and deletion functionalities.
- Utilized Chrome Messaging and Tabs API for seamless communication between scripts.
- Managed data persistence with Chrome Storage API to store and retrieve bookmarks.
- Created a user-friendly interface with real-time updates for an enhanced user experience.

TECHNICAL SKILLS

Languages: C++,C,Java, Python(Basics),JavaScript, SQL
Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Javascript, NodeJS, Tailwind
Developer Tools: VS Code,PyCharm,Canva,Jira,Postman,Github

ACHIEVEMENTS

- Secured **AIR 8**in **NIMCET 2022**. ⌐
- Solved **500+** Problems on **Leetcode**. ⌐
- Solved **300+** Problems across **GeeksforGeeks** and **InterviewBit**. ⌐

CERTIFICATIONS

- Certified in Problem Solving (Intermediate) – HackerRank
- Certified in SQL (Intermediate) – HackerRank
- Certified in OOPs in C++ – Coding Ninjas

EXTRACURRICULAR

- Volunteer, Version '22 (Feb-Mar 2023), liaison between MCA '24 and MCA '25 batches.
- Participated in Blood Donation Camp at NITT, conducted by the Huma-NITTY club