

Ranjeet Gupta

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SKILLS

Languages: C++, Python, C and R

Tools/Platforms: Tableau, MS SQL Server

Soft Skills: Problem-Solving, Team Player, Project Management

TRAINING

Data Structures and Algorithms - Self Paced Dec' 24

Data Structure & Algorithm

- Implemented efficient data structures (lists, trees, hash tables) and algorithms (sorting, searching, graph algorithms) in R to optimize computational performance.
- Applied graph algorithms (Dijkstra's, BFS, DFS) in R to analyze complex network data, enhancing decision-making insights.
- Designed and optimized sorting and searching algorithms (Merge Sort, Quick Sort, Binary Search) to improve execution time by 40%.
- Applied backtracking and greedy algorithms for solving combinatorial optimization problems like N-Queens, Sudoku Solver, and Traveling Salesman.

PROJECTS

Coffee Shop Sales Analysis | Tables, Conditional Formatting, Tableau, Lookup Functions, Excel, Pivot Nov' 24

- Built an Excel-based sales analysis project for a coffee shop, organizing sales data to track revenue trends and overall performance. Designed a structured spreadsheet to simplify data entry and reporting.
- Created visual charts and summaries, such as bar graphs and pivot tables, to highlight customer preferences, peak sales periods, and seasonal trends. Provided insights into best-selling and low-performing products.
- Used Excel functions like VLOOKUP, SUMIF, and pivot tables to enhance data analysis, supporting inventory planning and promotional decisions based on sales patterns.

Blog Website | Weebly, Blogger, My Portraits, Blogs Jul' 24

- Designed and managed a blog-based website for selling custom portraits, sketches, and paintings to clients seeking personalized artwork.
- Created educational blog content to help beginners learn the basics of drawing and sketching, along with insights into artistic techniques and tools.
- Integrated sales features to facilitate commissions and showcase a portfolio of completed artworks.
- Engaged with readers through regular blog updates, promoting art appreciation and creative learning.

CERTIFICATES/CERTIFICATIONS

Data Structure & Algorithm | *Geeks for Geeks* Mar' 24

Data Visualization with Tableau | *Coursera* Feb' 24

Cloud Computing | *nptel* Jan'24

Python | *Hacker Rank* June' 23

SQL | *Hacker Rank* May' 23

EDUCATION

Lovely Professional University Phagwara, Punjab

Bachelor of Technology Sep' 22 – Present

Computer Science and Engineering; CGPA: 6.46

MJRP Academy Ghazipur, UP

Intermediate Mar' 22 – May' 23

PCM; Percentage: 70%

Shams National School Ghazipur, UP

Matriculation Mar' 19 – May' 20

Percentage: 82%