Aditya Raj Pandey

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SKILLS

- **Languages**: C++, C, Java, R Programming, Python
- **Frameworks**: HTML5 and CSS
- **Tools/Platforms**: MySQL, Tableau, Advanced Microsoft Excel
- **Soft Skills**: Problem-Solving Skills, Communication Skill, Team Player

TRAININGS

CodeTantra – Java Course Lesson Plan   Jun 2024 - Aug 2024

- Gained strong foundational knowledge in core Java concepts including OOP, collections, and file I/O
- Practiced through hands-on coding exercises and real-world problems
- Built a Library Management System

Summer Training – Data Structures and Algorithms   Jun 2024 - July 2024

- Implemented efficient data structures including Arrays, Linked Lists, Trees, Graphs, and Hash Tables.
- Applied key algorithms such as BFS, DFS, and Dijkstra's Algorithm for graph traversal
- Performed tree traversal techniques including In-order, Pre-order, and Post-order traversals
- Solved optimization problems using Dynamic Programming techniques
- Gained hands-on experience in analyzing time and space complexity of algorithms

PROJECTS

Road Accident Analytics Dashboard   Mar 2024 - May 2024

- Developed an interactive Excel-based dashboard for road accident analysis
- Performed data cleaning, processing and transformation for insightful analytics
- Analyzed road accidents by month, road type and vehicle type
- Tech Stack used: Advance Microsoft Excel, Python

Data Science Salary Dashboard   Sep 2024 - Nov 2024

- Analyzed salary trends in the data science and analytics field
- Utilized current and historical salary data for in-depth insights
- Provided comparative salary analysis based on role, experience and geographic location
- Presented interactive visualizations for better data interpretation
- Technology used: Tableau, R

CERTIFICATES

- Data Analysis with Tableau Coursera — Nov 2024
- Cloud Computing by NPTEL — Jul 2024 - Oct 2024
- Excel Skills for Data Analytics and Visualization — Mar 2024 – Apr 2024
- ChatGPT Advanced Data Analysis — Feb 2024
- Data Structure and Algorithm Udemy — May 2023 - Jul 2023

ACHIEVEMENTS

- **100+ Problem solved on leetcode** — Present Feb 2025
- **Achieved 5 Star in C++, 5 Star in Java** — Since Aug 2023
  Participated in competitive programming and problem-solving contests on HackerRank.

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.7** — July 2022 - Present
- **Kendriya Vidyalaya No.2** — Gorakhpur, Uttar Pradesh
  Intermediate; **Percentage: 79.6%** — 2020 – 2021
- **Kendriya Vidyalaya No. 2** — Gorakhpur, Uttar Pradesh
  Matriculation; **Percentage: 80.1%** — 2018 - 2019