

Ravi Maurya

+918957914128 / rm194715@gmail.com / linkedin.com/in/ravi-maurya-588983252/ / github.com/rm194715@/

PROJECTS

N Queens Visualizer / *CPP*

- Designed an efficient solution using recursive backtracking to place N queens on an NxN chessboard without conflicts.
- Allowed users to input different N values and visualize unique solutions dynamically.
- Implemented a graphical interface with real-time visual updates of queen placements and conflicts, enhancing user understanding of recursive backtracking techniques.

Amazon Prime Dashboard Analysis / *Tableau*

- Integrated and analyzed data from more than 10,000 movies, including genres, cast, and ratings, to enhance the precision of personalized suggestions
- Analyzed and improved customer satisfaction and loyalty by 50% visualizing key metrics, understanding popular drama, web series movie, enabling targeted marketing strategies and personalized promotions.
- Developed an interactive sales dashboard to track Amazon Prime sales, revenue, and customer behaviour metrics using Tableau and SQL.

Personal Portfolio Webpage / *HTML, CSS, JavaScript*

- Designed and implemented a fully responsive website using HTML, CSS, and JavaScript to showcase projects, skills and contact information.
- Highlighted personal and professional projects with descriptions, technologies used, and links.
- Implemented smooth animations using CSS transitions, keyframes, and JavaScript libraries.

TECHNICAL SKILLS

Languages: Python, HTML, CSS, C++, Java, R, SQL

Technologies/Frameworks: Git, GitHub, Canva, Excel, Tableau, Jupyter Notebook, MongoDB

Skills: Data Structures and Algorithms, Problem-Solving, Object-Oriented Programming, Data Management, Data Analysis, Data Visualisation

CERTIFICATIONS

Coursera: Data Visualization in Excel, Data Analysis with Tableau, R Programming

Geeks for Geeks: Data Structure and Algorithms

NPTEL: Introduction to Machine Learning

Infosys: HTML5

MongoDB: Introduction to MongoDB

EXTRA- CURRICULAR

Contributed in Community Development

(*Srishti Seva Sanshthan*)

April 2021 – Dec 2022

Maharajganj, Uttar-Pradesh

- Taught and mentored over 200 underprivileged students during this period, focusing on their academic and personal growth.
- Dedicated to fostering academic growth, enhancing communication, teaching, and management skills while making a positive impact on disadvantaged children's education.
- Led community mobilization efforts to promote adolescent empowerment, focusing on health, education, and gender-based issues.
- Conducted community meetings and awareness programs to address discrimination and violence.

Participated in Hackathon(Developed Chat Bot)

- Collaborated in team to develop an innovative chat bot for reducing the workload of admission team of Rajasthan Colleges, as part of India's largest national-level hackathon.
- Applied skills in tableau, python and machine learning to design and prototype a real-world solution within a competitive fast-paced environment.

Achievements

- 250+ Problems solved on LeetCode.
- 200+ Problems solved on GeeksforGeeks (GFG)

EDUCATION

Lovely Professional University

Computer Science and Engineering — CGPA: 7.41

Jalandhar, Punjab

2022 – Current

Almighty Public Inter College

(X, XII with Science) — Percentage: 84%

Maharajganj, Uttar-Pradesh

(2019, 2021)