

Manu Raj

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PROJECTS

- **BookingHub: A software for bus ticket booking | C++, MySQL :**
 - Developed a software to book ticket where you can book ticket, cancel ticket, update ticket, check seat availability.
 - Feature of login, sign-up, ticket conformation through mail.
 - Establish connection with data-base using MySQL
- **HomeHive: A Website for Real State | HTML, CSS, JavaScript, MongoDB**
 - Developed a responsive website to book ticket where you can see the available PG or Flat
 - Feature of login, sign-up, Booking conformation through mail, Google map to see the location of PG.
 - Establish connection with data-base using MongoDB.
- **Cricket Carnival: ODI Explorer: R, Shiny, Python, Stream lit.**
 - Developed an interactive and intuitive web-application for enhancing user experience and providing comprehensive insights into ODI games.
 - Leveraged advanced data visualization techniques to present key metrics and trends effectively.
- **“Sudoku” – A Game | JAVA , MySQL , Apache Netbeans:**
 - A GUI based game where you can play sudoku with level easy, medium and hard.
 - Feature of visualizer to see how sudoku is solved using backtracking, sign-up. Login, and check high score .
 - Uses MySQL as database, used derby to establish connection.
- **“OlympicData Explorer” – A Dashboard for Olympic Data Analysis:| Python , Advanced Excel :**
 - It is a dashboard designed to analyze and visualize Olympic Games data with precision and clarity
 - Feature of Overall Analysis, Country-Wise Analysis, Athlete wise analysis, About player, Medal Tally.
 - User Friendly Dashboard and Advanced Excel Formula.

SKILLS SUMMARY

- **Languages:** C/C++, Python, Java, R
- **Web-Development:** HTML, CSS, JavaScript, MongoDB, Tailwind CSS, Bootstrap.
- **Frameworks:** Stream Lit, Shiny, swing
- **Database:** MySQL, Oracle, MongoDB, firebase.
- **Tools/Platforms:** Ubuntu, Fedora, Windows, MAC, vscode, PyCharm, Clion, IntelliJ, Jupyter.

ACHIEVEMENTS

- **Leetcode Global Rating:** Rated 1483 Globally on Leetcode.
- **HackerRank 5 Star Gold badge in C++, Python and SQL**
- **NTSE Stage 1 Qualified:** Successfully cleared the National Talent Search Examination (NTSE) Stage 1 in 2019, demonstrating exceptional aptitude and academic prowess.
Math Olympiad (Stage 2): Advanced to Stage 2 of the Math Olympiad, showcasing proficiency and excellence in mathematical problem-solving at a national level.
- **One among Dean's top 10 % students at University:** For good academic performance and extra-curricular activities at University.
- **Secured 12rd rank in the Codethon:** Participated and ranked 12th in over 500 students.

CERTIFICATIONS

- ChatGPT Advanced Data Analysis
- Algorithms on Strings
- Prompt Engineering using ChatGPT
- Introduction to Git & GitHub

EDUCATION

- **Lovely Professional University**
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.52
Punjab, India
Since August 2022
- **Imperial Public School**
Intermediate; Percentage: 94.4%
Favorite Courses: Physics, Mathematic
Gopalganj, Bihar
June 2019 - March 2021
- **Imperial Public School**
Matriculation; Percentage: 92.2%
Gopalganj, Bihar
April 2017 - March 2019