Aditya Raj

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SKILLS SUMMARY

- **Programming languages** : C/C++, Java, JavaScript, HTML+CSS, R-Language
- **Libraries** : C++ STL, ReactJs
- **Data Analysis Tools**: Excel, Tableau, Power-Bi
- **Collaboration Tools**: Git, Github, VS Code
- **Languages**: English, Hindi
- **Relevant Coursework**: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Prompt Engineering
- **Soft Skills**: Problem-Solving, Self-learning, team collaboration, Negotiation and Conflict Resolution

PROJECTS

- **Railway Ticket Booking Website (Html, Css, JavaScript) (April 2023)**
  - Developed a mobile-responsive railway booking website, improving booking efficiency by 30% with streamlined workflows and seamless cross-platform compatibility (100% responsiveness).
  - Designed a minimalistic, responsive user interface with clear navigation and interactive elements, achieving cross-platform compatibility with 100% responsiveness across mobile, tablet, and desktop.
  - Optimized booking workflows, reducing transaction times by 30% and enhancing user retention.
- **Dynamic Excell dashboard for B2C sales (Excell) (December 2023)**
  - Created an interactive Excel dashboard that increased decision-making efficiency by 25% through visual analytics, leveraging Pivot Tables and advanced formulas.
  - Pivot Tables: Gained proficiency in organizing and summarizing large datasets efficiently.
  - Advanced Formulas: Complex Calculations Leveraged advanced Excel functions(e.g., VLOOKUP, INDEX-MATCH, IF statements) to perform complex calculations for revenue, profit margins, and average order values.
  - Interactivity: Implemented slicers and dropdown menus to allow users to filter data interactively based on specific criteria such as date ranges, product categories, and customer segment.

- **Tic-Tac-Toe Game (march 2024)**
  - Developed a console-based Tic-Tac-Toe game in C++ that allows two.playersto compete against each other. The game provides an engaging way to play the classic game of Tic-Tac-Toe with features that enhance the user experience.
  - Key Features of the Tic-Tac-Toe Game User-Friendly Console Interface The game features a clear, interactive console interface that displays a 3x3 grid for easy player navigation and input.
  - Outcome and Impact: The Tic-Tac-Toe game serves as a practical implementation of basic programming concepts, including loops, conditionals, and functions in C++. it provides a fun and engaging way to practice coding while enhancing problem-solving and logical thinking skills.

ACHIEVEMENTS

- **Secured Global Rank 2137** out of **36,000**+ in LeetCode Contest 415. (Proficiency in algorithms)
- Solved 300+ algorithmic problems with an 85% acceptance rate and maintained a 100-day LeetCode streak, showcasing algorithmic consistency.
- Ranked **Top 25% globally** with a **LeetCode rating of 1681+**, demonstrating competitive programming expertise.

CERTIFICATIONS

- **Store, Process, and Manage Data on Google Cloud - Console: Google Cloud Skills Boost (April 2023)**
  Enhanced skills in storing and processing data on the Google Cloud Console for effective data management.
- **Managing Resources and Data in the Cloud: Google Cloud Skills Boost (April 2023)**
  Acquired skills in managing cloud resources, handling data efficiently on Google Cloud.

EDUCATION

- **Lovely Professional University**   *Jalandhar, Punjab, India*
  Bachelor of Technology - Computer Science and Engineering; CGPA:6.5   *August 2022 – Present*

- **Pandit Jawahar lal neharu college**   *Saran, Chapra, Bihar*
  Senior secondary   *April 2021 – 2022*
  Courses: Physics, Chemistry and Mathematics