Manu Raj

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SKILLS SUMMARY

- **Languages**: C/C++, Python, Java, Dart, R.
- **Web Development:** HTML, CSS, JavaScript, Bootstrap, RESTful APIs, Node JS, Express JS, React JS.
- **Frameworks**: Flutter, Spring Boot, Shiny, Swing.
- **Database**: Firestore, MySQL, Oracle, MongoDB.
- **Tools/Platforms**: Git and GitHub, Docker, Linux, AWS, Maven, Android Studio.

PROJECTS

- **E-commerce |** MERN (MongoDB, Express, React, Node.js) — December 2024
  - Developed a responsive web app with secure role-based authentication for buyers and sellers.
  - Implemented product listing, advanced search filters, shopping cart, wish list, and order tracking features.
  - Built RESTful APIs using Node.js and Express, with MongoDB for database management.
- **Contract Farming Application** | Flutter, Dart, Firebase — September 2024
  - Developed a mobile app for an online marketplace connecting farmers with buyers, ensuring transparent communication, secure contracts, and reliable payments for stable market access
  - Feature of login/Signup, live Chat, Live Price Negotiation, Community, Profile management
  - Established connection with database using firebase for backend.
- **Sudoku – A Game |** JAVA, MySQL, Apache — June 2024
  - 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.
  - Used MySQL as database.
- **Olympic Data Explorer |** Python, R, Advanced Excel: — November 2023
  - Designed a dashboard 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.

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.
- **Ranked among Dean's top 10 % students at the University**.
- **Secured 12th rank in the Codeathon.**

CERTIFICATES

- Introduction to MongoDB — Platform: MongoDB University — July 2024
- Advanced Data Analysis Using ChatGPT — Platform: Coursera — April 2024
- Prompt Engineering using ChatGPT — Platform: Coursera — April 2024
- Introduction to Git and GitHub — Platform: Coursera — March 2023

EDUCATION

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