

Dwarikesh Ojha

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SKILLS

- **Languages:** C++, Python, R, SQL
- **Frameworks:** HTML, CSS
- **Tools/Platforms:** MySQL, Tableau, Excel, Jupyter Notebook

WORK EXPERIENCE

Tata Group | Virtual Internship

- Data Visualisation: Empowering Business with Effective Insights Feb 2025 - Feb 2025
- Completed a simulation involving creating data visualizations for Tata Consultancy Services
 - Prepared questions for a meeting with client senior leadership
 - Created visuals for data analysis to help executives with effective decision making
 - Gained hands-on experience in creating impactful data visualizations and communicating insights to support strategic decision-making.

PROJECTS

- **Heart Disease Predictor | Machine Learning** Dec 2024 - Dec 2024
Machine Learning Model: Predicted heart disease using logistic regression with three features
User Input & Validation: Ensured correct age, cp, and thalach range values
Flask Web Interface: Displayed prediction results based on user-submitted health data
Error Handling & Robustness: Caught missing datasets, training failures, and input mistakes
- **Data Visualization | Tableau** Nov 2024 - Nov 2024
Designed an interactive Tableau dashboard with dynamic visualizations to highlight UEFA football trends
Implemented an efficient ETL pipeline for data extraction, cleaning, and transformation from reliable sources
Analyzed and presented insights on country dominance, club performance, and player achievements
Enhanced user engagement through intuitive navigation and visually appealing dashboards
- **TicTacToe | C++** Aug 2023 - Aug 2023
Developed an AI opponent using the Minimax algorithm for optimal move selection
Efficiently managed board states with a 2D matrix, ensuring seamless gameplay
Integrated constraint-checking logic to ensure valid entries, reducing unnecessary computations. Enhanced solution performance to handle edge cases and invalid inputs seamlessly
Developed the project in C++, showcasing proficiency in object-oriented programming and algorithm design
Achieved an AI opponent with a 100% win/draw rate when playing first

ACHIEVEMENTS

- **Secured 1st Position in Skit Competition** Oct 2024
Secured 1st position among 12+ schools in a university-level skit competition
- **Secured 2nd Position in Coding Category** Sep 2023
Secured 2nd position out of 50+ participants in the Coding Category during the “Section of the Year” event

CERTIFICATES

- **Data Analysis with Tableau** Nov 2024
[Data Analysis Certificate](#)
- **Complete Interview Preparation: Self Paced By GFG** Jul 2024
[GFG Certificate](#)
- **R Programming** Apr 2024
[Johns Hopkins University](#)
- **Programming in C++: A Hands on Introduction** Dec 2023
[Coursera Certificate](#)

EDUCATION

- **Lovely Professional University** *Punjab, India*
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.56 Aug 2022 - Present
- **Central Academy Senior Secondary School** *Prayagraj, Uttar Pradesh*
Intermediate – Non-Medical; Percentage: 79.8% Apr 2020 – Mar 2021
- **Central Academy Senior Secondary School** *Prayagraj, Uttar Pradesh*
Matriculation; Percentage: 90.8% Apr 2018 – Mar 2019