Ishita Tiwari

LinkedIn : linkedin.com/in/ishitatiwari06
GitHub: github.com/Ishitatiwari06

Email: ishitatiwari060@gmail.com
Mobile: +91-9453839906

SKILLS SUMMARY

- **Languages**:   C, C++, Java, Python
- **Frameworks**:   HTML, CSS and JavaScript.
- **Tools/Platforms**: MySQL, Git, GitHub, DSA
- **Soft Skills**:   Time Management, Problem-Solving, Communication, Project Management, Adaptability

PROJECTS

Space Defender Game   *May' 2025*

- Designed and developed an interactive 2D space shooter game using Python, Pygame, and standard libraries (time, random, sys, os) with start, pause, and end screens to enhance user experience.
- Implemented real-time difficulty scaling, enemy shooting mechanics, and background music/sound effects, enriching gameplay dynamics and player engagement.
- Integrated high score tracking, player score display, and responsive interface design, ensuring smooth and immersive game flow with persistent feedback.

  GITHUB :- https://github.com/Ishitatiwari06/space_defender

Olympics Athlete Dashboard   *Apr ' 2025*

- Designed an interactive Excel dashboard to analyze Olympic performance data, tracking total medals across countries, sports, gender, and years using pivot tables and slicers.
- Visualized key performance indicators (KPIs) with dynamic charts and conditional formatting to highlight trends and patterns in athlete participation and medal distribution.
- Incorporated a geospatial map visualization for intuitive country-wise medal evaluation, enhancing insights through location-based analysis.

US Candy Sales Analysis   *Apr ' 2025*

- Performed comprehensive data cleaning and preprocessing using Pandas and NumPy, handling missing values, standardizing formats, and detecting/removing outliers to prepare data for analysis.
- Conducted exploratory data analysis (EDA) and used descriptive statistics and the Shapiro-Wilk test (SciPy) to evaluate whether monthly sales of top-selling products followed a normal distribution.
- Created insightful visualizations using Matplotlib and Seaborn (bar charts, histograms, boxplots, heatmaps, and line plots) to analyze sales performance, profitability trends, and seasonal variations.

  GITHUB :- https://github.com/Ishitatiwari06/ca2_Python

CERTIFICATIONS

- Social Networks | *NPTEL*   *Mar' 2024*
- Responsive Web Design | FreeCodeCamp   *Oct' 2023*
- CAPM Certification Course | Simplilearn SkillUp   *Oct' 2023*

ACHIEVEMENTS

- Solved 250+ DSA problems across platforms like LeetCode and , strengthening HackerRank-solving and algorithmic thinking skills.   *Jul' 2024*
- Received Academic Excellence Award for consistent high performance and outstanding academic achievements throughout higher secondary education.   *Mar ' 2022*

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering   *Since Aug '2023*
  CGPA: 8.6

- **Brightland School**   Lucknow, Uttar Pradesh
  Intermediate - PCM   *Apr ' 2020 - Mar ' 2022*
  Percentage: 90.2%