Ankit Kumar Roy

Linkedin: http://www.linkedin.com/in/ankitroy29   Email:ankitkumar98roy@gmail.com

GitHub: https://github.com/Ankit-Roy29   Mobile: +917856919337

SKILLS

- **Languages**:   C++, Java, C, Python, R
- **Frameworks**:   HTML, CSS, Excel, Tableau
- **Tools/Platforms**:   Windows, Linux, Ubuntu, Oracle
- **Database Management**: MYSQL
- **Soft Skills**:   Teamwork, Problem-Solving, Critical Thinking, Decision Making

PROJECTS

- **Advanced Calculator using java**:   May 2024
  -Built an advanced calculator using **Java Swing** to perform scientific calculations and history tracking.
  -Implemented **exception handling** to prevent division by zero and invalid inputs.
  -Provided features like **trigonometric functions**, **square roots**, and **power operations**.
  Tech: Eclipse IDE, Java.

- **Sales Data Dashboard for Retail Business**:   February2024
  - Developed an interactive **sales dashboard** using **Tableau** to visualize trends, customer
    demographics, and revenue streams.
  - Cleaned large datasets using **Tableau Prep Builder** to ensure data integrity.
  -Implemented **time-series analysis** for sales forecasting and trend identification.
  Key Impact: Enabled optimized inventory allocation by identifying a 20% rise in seasonal sales.
  Tech: Tableau Prep Builder, Tableau.

- **An E-Commerce website for shopping:**   Sep'22 – Nov'22
  This E-Commerce platform is designed to provide a smooth and user-friendly shopping experience. Users can register or log in to access a wide range of products, add items to their shopping cart, and place orders based on product availability. The system includes real-time inventory tracking to prevent stock issues and ensure a seamless shopping process. Additionally, it features a secure payment gateway, allowing users to complete transactions safely. The platform is optimized for both desktop and mobile devices, ensuring accessibility and convenience for users.
  Tech: HTML and CSS

CERTIFICATES & CERTIFICATIONS

- Advanced Distributed System - NPTEL.   Aug'24 – Dec'24
- Data Visualization in Tableau - Coursera   November 2024
- Data Structure and Algorithms - Board Infinity.   May'24 – Jun'24
- Generative AI for Everyone - Coursera.   Jan'24 – Apr'24
- Advance Excel for Business Analytics – Coursera.   Jan'24 – Mar'24

ACHIEVEMENTS

- **Completion of Sustainable Development Goals (SDGs):**
  Actively pursuing opportunities with NGOs to contribute to community development projects aligned with the United Nations' Sustainable Development Goals (SDGs).

- **Solved more than 100+ problems on Leetcode**

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.23***   *Since August 2022*

- **Siyaram Utchar Vidyalaya**
  *Intermediate; **Percentage: 69%***   *April 20121 - March 2022*

- **Kalyani Public School**   Dum-Dum, West Bengal
  *Matriculation; **Percentage: 63%***   *April 2019 - March 2020*