

TAMANNYA MUKHERJEE

Kolkata, India | +91-9836672431 | tamannya2004@gmail.com | GitHub: github.com/Tamannya | LinkedIn: <https://www.linkedin.com/in/tamannya-mukherjee-6193ab2a0/>

SUMMARY: *Aspiring Data Analyst* skilled in extracting actionable insights from data using tools like **MS Excel, MySQL, PostgreSQL, and Power BI**. Proficient in Python for data analysis and automation, with hands-on experience in building and querying relational databases. Comfortable with programming in C, C++, and Python, and knowledgeable in machine learning fundamentals. Strong foundation in web technologies (HTML, CSS, JavaScript, Bootstrap) and backend development with Django, providing a well-rounded technical skill set. Eager to apply analytical thinking to solve real-world problems and support data-driven decision-making.

SKILLS:

1. Programming: C, C++, Python
2. Data Analysis: **MS EXCEL, MySQL, PostgreSQL, Power BI**
3. Web: HTML, CSS, JavaScript, Bootstrap
4. Backend: Python with Django
5. Other: Machine Learning (Beginner)

EXPERIENCE:

- **Frontend Developer | KNOWIFY**
eLearning Platform
 - Designed and developed a modern, responsive frontend for an eLearning platform to enhance user engagement.
 - Built intuitive UI with smooth navigation and motivational design.
 - Ensured full responsiveness across desktops, tablets, and mobiles.
 - Developed structured layout for courses, instructor sections, and community elements.
 - Created clean Login and Signup pages with accessibility in mind.
 - Tech Stack: HTML5, CSS3, JavaScript, Bootstrap 5, Font Awesome
 - GitHub: <https://github.com/Tamannya/elearn-static-frontend>
- **SQL-Based Online Bookstore Database | Using PostgreSQL**
 - Designed and implemented a normalized relational database schema for managing books, customers, and orders in an online bookstore.
 - Created three core tables with appropriate constraints and relationships using PostgreSQL.
 - Imported real-world data from CSV files into the database using the COPY command.
 - Wrote over 25 SQL queries to analyse sales, customer activity, book inventory, and revenue generation.
 - Implemented **JOINS, aggregations, GROUP BY, HAVING**, and advanced filtering to derive business insights.
 - Tech Stack: **PostgreSQL, SQL**
 - GitHub: <https://github.com/Tamannya/SQL-online-bookstore-project>
- **Frontend Developer | TwinTitles: AI-Powered Title Similarity Checker**
 - Developed a smart online system to verify project titles by analyzing and classifying them as Duplicate, Unique, or Similar.
 - Shows top 3 similar titles with labels and allows download of PDF reports with a detailed similarity analysis
 - Visualizes semantic similarity through a network graph and heatmap

- Auto-generates abstract content and stores project history in user profiles
- Suggests real-time enhancements with live demo features
- Tech Stack: HTML, CSS, JavaScript (Frontend), Flask API, SQLite (Backend), Report Lab (PDF), Sentence Transformers + Cosine Similarity (ML/NLP)
- GitHub: <https://lnkd.in/g5btSWhu>

EDUCATION:

Qualification	Institution	Year	Details
B.Tech in Information Technology	Guru Nanak Institute of Technology, Kolkata	2023–2027	Pursuing
Higher Secondary (Class XII), PCMB	Ramakrishna Vivekananda Mission, Barrackpore	2023	Percentage: 80%
Secondary (Class X)	Ramakrishna Vivekananda Mission, Barrackpore	2021	Percentage: 89.85%

CERTIFICATIONS:

1. **Python with Django**- Ardent Computech Pvt. Ltd.
2. **The Joy of Computing using Python** - NPTEL
3. **Introduction to MS Excel** – Microsoft & Simplilearn (SkillUp) ,
Available at: [<https://simpli.app.link/x8GLoXiEwVb>]
4. **HackerRank SQL (Basic) Certification** – HackerRank
View at: hackerrank.com/certificates/0731756a8615

PORTFOLIO:

GitHub: github.com/Tamannya