**Pragya Chauhan**

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**EDUCATION EXPERIENCE** - **The University of Texas at Dallas May 2023** *Bachelor of Science, Information Technology and Systems*

**Certifications:** Microsoft Azure Fundamentals,Microsoft Azure Database Fundamentals, Microsoft Azure AI Fundamentals

**Analysis Tools:** MS Excel, Tableau, Power BI, Alteryx

**Programming:** SQL, Java, Python

**Intern with Essonova Corporation (Business Analyst / Data Analyst)** July 2021 – September 2021

* Utilized SQL to query and manipulate large sets of real estate data for a data analysis project, resulting in the identification of key trends and insights that informed strategic decision-making for the company.
* Collaborated with cross-functional teams to design and implement data-driven solutions for business problems, demonstrating strong communication and teamwork skills and contributing to the company's overall success.
* Leveraged Alteryx to clean and transform the raw data, resulting in more accurate and consistent data analysis and reducing the time required for data preparation by over 50%.

**ACADEMIC PROJECT EXPERIENCE**

**Ice Cream Database,** SQL Database Fundamentals July 2022 – August 2022

* Created and optimized complex SQL queries to extract and manipulate data from multiple databases for an ice cream shop visualization project in Tableau, resulting in improved data accuracy and faster query response times.
* Collaborated with the data team to ensure the Tableau visualization accurately reflected the data stored in the MS SQL database, resulting in increased trust and adoption of the data visualization among stakeholders.
* Utilized advanced features of MS SQL, such as stored procedures and views, to streamline the data querying process and reduce the time required for manual data manipulation, resulting in a more efficient workflow for the development team.

**Math Flashcards, Object Oriented Programming** August 2020 – December 2020

* Designed and implemented a math flashcards project using object-oriented programming principles, resulting in an efficient and scalable solution for students of all levels to improve their mathematical abilities.
* Utilized encapsulation, inheritance, and polymorphism in the development of the project, resulting in a codebase that is easily maintainable and adaptable to future changes.
* Utilized the SDLC to streamline the process, resulting in a more efficient process and quality output

**ORGANIZATIONS**

**Microsoft Ambassadors Program,** UTD, September 2022 – December 2022

**National Retail Foundation, UTD,** September 2022 – Present (Technology and Business Officer)

**Comet Cupboard**, UTD, Student Service August 2021 – Present

**Women in Technology and Business**, UTD, Student Service August 2021 – Present

**Red Cross**, UTD, Student Service August 2021 – Present

**ADDITIONAL INFORMATION**

*Eligibility*: US Citizen, Eligible to work in the US for internships and full time with no restrictions