

# DIVYASHREE RACHAKONDA

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## SUMMARY

Dedicated and enthusiastic professional seeking a challenging role in the Technology - Analyst Program at Fiserve with a proven ability to navigate complex landscapes, adapting seamlessly to evolving challenges. Experience in leveraging advanced technical skills, including Microsoft Excel, Python, SQL, and Power BI, and possesses excellent communication skills, adept at engaging with key stakeholders. A professional on **STAMP 1G** with 2+ years of experience in data analysis and project management.

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## EDUCATION

University of Galway, Ireland, Master of Science in Business Analytics, 09/2022 – 11/2023  
Overall Grade: 2.1

University of Mumbai, India, Bachelor of Engineering in Electronics and Telecommunications, 06/2016 – 05/2020  
Overall Grade: 2.1

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## WORK EXPERIENCE

**Merkle (Ugam Solutions, A Dentsu Company)- Data Analyst** 05/2021- 07/2022

- Applied Machine Learning algorithms, such as regression or classification models, to analyze data and automate processes using Python and, R resulting in a notable 15% efficiency boost.
- Executed SQL, T-SQL queries for Extract, Transform, Load (ETL) processing, data retrieval, and analysis, effectively reducing processing time by 50%, database management.
- Documented database insights, generated detailed reports, and provided weekly recommendations, impacting business strategy and achieving a 95% client satisfaction rate.
- Designed visually appealing reports and interactive dashboards with PowerBi, facilitating trend identification and reporting of KPIs.

**Merkle (Ugam Solutions, A Dentsu Company)- Associate Software Engineer** 11/2020- 04/2021

- Designed prototypes and application development based on user-defined conditions and requirements, leveraging .NET, C#, and Selenium for automated testing, resulting in a 20% improvement in system performance.
  - Collaborated with business analysts to understand business needs and translate them into technical requirements, ensuring alignment between technical solutions and business objectives, leading to a 15% increase in client satisfaction.
  - Documented technical specifications and system architecture, providing guidance for development teams and ensuring clarity and consistency throughout the development lifecycle, resulting in a 30% reduction in development time.
  - Implemented Test Driven Development (TDD) methodologies to ensure code quality and reliability, employing MSTest for unit testing and API testing to validate functionality and performance, resulting in a 25% reduction in defect rate.
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## PROJECTS

### DYNAMIC CAR LOAN APPLICATION

- Designed a user-friendly interface for a mobile app for a Car Loan using Windows Forms and Visual C#.
- Programmed the backend to calculate real-time interest rates, monthly repayments, and total interest paid for different terms and implemented the generation of unique transaction IDs based on user-selected loan terms.

### FINANCIAL ANALYSIS OF SUPER STORE SALES

- Conducted an in-depth financial analysis utilizing Python to examine the sales data of Super Stores across the USA and performed exploratory data analysis (EDA) on the sales dataset, emphasizing financial metrics.
  - Utilized Tableau for data visualization to create insightful and visually compelling financial reports.
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## EXTRACURRICULAR ACTIVITIES & INTERESTS

- Honored with winning the "Pushing Boundaries" and "Individual Brilliance" awards at Merkle, recognizing commitment to innovation and outstanding individual contributions.
- Played an active role in the Business Analytics and Music Society while serving as a key member of the diversity champions team. Led two impactful initiatives dedicated to promoting inclusion within the university community.
- Organized diverse social service projects for the NGO "Bigger Than Life" and orchestrated the charity-based marathon "Heart and Sole Run 2.0," attracting a crowd of 800+ participants.
- Volunteered and supervised technical fests as a Chairperson of the IEEE committee and as a publicity head for the cultural fest managed and raised funds for events.