

Hrisheekesh Talari

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TECHNICAL SKILLS

Programming Languages: Python, R, SQL, JavaScript, C, PLSQL

Databases: MySQL, MSSQL, MongoDB, PostgreSQL, Oracle SQL Developer

Tools & Technologies: Power BI, Excel, DAX, Power Query, Ellucian Banner, Azure Kubernetes Services, SSRS, Docker, Azure

EXPERIENCE

University of West Georgia | Data Analyst | Carrollton, US

Jun 2024 - Present

- Designed and maintained data models, delivering actionable insights that enhanced strategic decision-making for the President
- Collaborated with cross-functional SEM teams to develop technical data solutions, increasing operational efficiency by ~4%
- Developed 9+ Power BI dashboards for senior leadership, improving data-driven decision-making and reporting accuracy by 37%
- Extracted and analyzed data from Banner and diverse sources using complex SQL queries to uncover key business trends.

UPMC Hospitals | Health Data Analyst II | Pittsburgh, US

Oct 2023 – Jan 2025

- Conducted complex statistical analysis on heterogenous healthcare data extracting insights improving patient care
- Led analysis of ~100k Epic Clarity patient records, identifying trends that improved clinical decisions and patient outcomes.
- Present data interpretations and actionable recommendations to principal investigators, driving research decisions
- Support director-level leadership through data interpretation and developing action plans to improve key quality metrics by ~8%

Lynn University | Systems Analyst | Florida, US

Sep 2023 – Oct 2023

- Conducted in-depth research and crafted reports for Financial Aid office utilizing SSRS
- Developed efficient workflows and automated by leveraging SSIS to enhance operational efficiency
- Enhanced report performance and data retrieval efficiency by 7%

Bajaj FinServ Health | Associate Data Scientist / Data Science Intern | Pune, India

Jan 2021 – Dec 2021

- Extracted and transformed data from diverse sources for exploratory analysis and visualization
- Engineered, and optimized high-performance, scalable data pipelines, and warehouses, for maximum efficiency
- Designed, constructed, and maintained 5+ dashboards, delivering real-time insights into key performance metrics
- Navigated large complex datasets to conduct thorough analyses, identify correlations and extract crucial insights
- Collaborated with cross-functional teams to gather business problems and ensure visualization best practices
- Automated and transformed legacy data processes using Python, facilitating advanced scalable solutions, data governance

State University of New York (SUNY Buffalo) | Graduate Teaching Assistant

May 2022 – Aug 2022

- Organized office hours to support 40+ students, aiding deeper understanding of concepts and assignments
- Assisted undergrads in broadening problem-solving skills and tackling LeetCode challenges
- Conducted regular coding workshops and review sessions to help students understanding algorithmic concepts

EDUCATION

University at Buffalo, The State University of New York | Buffalo, NY

June 2023

Master of Science | Computer Science & Engineering | G.P.A: 3.42/4.0

SRM University AP | Guntur, AP, India

June 2021

Bachelor of Technology | Computer Science & Engineering | GPA: 3.67/4.0

Specialized in Data Science | Minor in English

PROJECTS

Drx Data Mart (Python; MySQL)

Feb 2021

Analytics & Reporting | BFHL

- Streamlined data consolidation, aggregation, and reporting processes by integrating diverse database sources
- Engineered Python custom functions enabling incremental data extraction through ADF, enhancing data extraction
- Transformed semi-structured data into structured, executing Change Data Capture (CDC) for data adaptability

Clevertap Data Integration Landing Zone (Python, Databricks)

June 2021

ETL | BFHL

- Constructed an automated procedure to extract, transform & load data from CleverTap
- Engineered a robust daily ETL pipeline, seamlessly transferring S3 dumps to Databricks landing zone
- Implemented an organized data storage system by creating folder structure based on year, month, and date

ASSOCIATIONS

Event Organizing Team | Lead | SRM University AP, India

Feb 2018 – Feb 2019

- Lead organizer for annual technical festival at SRM University, AP
- Managed and co-organized events, Digital Treasure Hunt

Hello Science (Science and Technology Community) | Lead

Sep 2019 – Apr 2021

ACHIEVEMENTS

UB SCOM Case Competition Finalist | University at Buffalo, NY

Mar 2023

Research Day Runner up | SRM University AP, India

Jan 2021