

Samrat Leuva

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EDUCATION

University of Maryland, Robert H. Smith School of Business
Master of Science in Information Systems, (GPA – 3.66/4)

College Park, MD, USA
December 2022

Nirma University, Institute of Technology
Bachelor of Technology, Electrical, (GPA - 7.15/10)

Ahmedabad, GJ, India
June 2017

TECHNICAL SKILLS

- Certifications- Data Visualization with Tableau Specialization, Python and SQL for Data Science and AI
- Tools- Microsoft Office Suite, Jupyter Notebook, Tableau, PowerBI, Google Analytics, Anaconda, R Studio, MySQL, AWS, ProjectLibre, Jira
- Programming languages- Python, SAP ABAP, SQL, R, Java, C, C++
- Operating systems- macOS, Windows

WORK EXPERIENCE

Utopia India Pvt. Ltd

Bangalore, KA, India

SAP MDG (Master Data Governance) Technical Consultant

December 2020 – July 2021

- Advised clients on feasible and robust solutions for complex requirements on data quality and process analytics to improve operational efficiency by 40%.
- Designed BRF+ (Business Rule Framework Plus) rules, Data modeling, Process modeling, and UI modeling to automate the creation of Master Data using APIs.
- Implemented end-to-end interface to create Meta Data for Business Partner domain leveraging custom function module(code) for synchronous system call.

Infosys Ltd.

Pune, MH, India

Senior System Engineer

October 2017 – December 2020

- Completed agile implementation project on Material and Finance domain utilizing BADI (Business Add-In), Workflow Routing to automate processes resulting in time efficiency and increased productivity.
- Developed a customer-facing mobile-based platform for financial services by deploying front-end (Python and OOPS) and back-end (SQL) to increase performance by 30%.
- Mentored 10 juniors in MDG and DQneXT to ensure impeccable performance.
- Analyzed DQneXT (Data Quality Check Tool) to provide custom solution for data quality check that led to decrease in data redundancy by 15%.

PROJECT EXPERIENCE

Bike Sharing Analysis (@UMD)

- Extracted, cleaned, and performed Exploratory Data Analysis on a large dataset consisting of millions of ride records scripts using Python (**NumPy, Pandas**)
- Created visualizations in the form of dual charts, time-series graphs and projection maps using libraries: **Matplotlib, Seaborn, Mapbox**

College Park Restaurants Database Management System (Microsoft SQL Server) (@UMD)

- Designed relational database to generate and review data, orders, and sales of restaurants through logical data modeling
- Collaborated with a team of four members. Defining Views, Defining Business Rules and Transactions along with database design for restaurants reviews and maintained complex SQL queries, views, and stored procedures.
- Tools and Technologies used **SQL Server Studio, Normalization, DDL, DML queries, Triggers, Functions, Views, Lucid chart.**

Visualizing COVID-19 Trend using Tableau (@UMD)

- Lead team of three to design and analyze COVID-19 behavior by creating interactive dashboards.
- Gathering insights from data such as trends across the world and how it turned into pandemic and predicted future trends.

Prediction of Facebook Post Metrics using Machine Learning(@UMD)

- Gathered data from various structured and unstructured sources using **web-scraping** and utilized **machine learning** for predictive modeling, time analysis forecasting and market analysis.
- Analyzed data and extracted meaningful information to create reports, visualization and communicate findings to various audience.