

Samrat Leuva

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EDUCATION

University of Maryland, Robert H. Smith School of Business

College Park, MD, USA

Master of Science in Information Systems, (GPA – 3.66/4)

Dec 2022

Courses: Data Mining and Predictive Analytics, Data Models and Decisions, Data Visualization and Web Analytics, Database Management Systems, Business process analysis, Project Management, Digital Transformation in Business

Nirma University, Institute of Technology

Ahmedabad, GJ, India

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

Jun 2017

TECHNICAL SKILLS

- **Certifications:** Data Visualization with Tableau Specialization, Python and SQL for Data Science and AI
- **Tools:** Microsoft Office Suite, MS Excel, Jupyter Notebook, Tableau, Power BI, Google Analytics, Anaconda, RStudio, MySQL, AWS, ProjectLibre, JIRA, Decision Tree
- **Programming languages:** Python, SAP ABAP, SQL, R, Java, C, C++

WORK EXPERIENCE

Utopia Global

Bangalore, KA, India

Technical Consultant | SAP-MDG, ABAP, HANA

Dec 2020 – Jul 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 ad-hoc 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 | SAP- MDG, ABAP, HANA, Information Steward, Python, SQL

Oct 2017 – Dec 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**)
- Managed a team of six to reveal ride relation across various factors using 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.**

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.

LEADERSHIP

American Society of Engineers from India (ASEI UMD Chapter) - PR Head

Nov 2021 – Present

- Leading a team of 15 members and managing council affairs like conducting workshops, seminars, and cultural events.