

Sunil Verma

Tampa, FL | verma.sr@outlook.com | +1-813-482-8662 | <https://www.linkedin.com/in/sunilvermabuilds/>

EDUCATION

University of South Florida

Master of Science in Business Analytics and Information Systems, GPA-3.91/4.00

University of Mumbai

Bachelor of Engineering in Information Technology, GPA-3.7/4.00

Tampa, FL

Aug 2021- May 2023

Mumbai, India

Aug-2012-May 2016

RELEVANT COURSEWORK

Advanced Database Management, Cloud Computing, Data Mining, Data Visualization, Data Science Programming, Data Warehousing, Big Data, Analytical methods for business.

SKILLS

Programming and Databases—Python, SQL, SQL server, Oracle, NoSQL, PowerShell

Tools – Azure Data Factory, Power BI, Tableau, Microsoft Excel, Jupyter Notebook, Azure Data Lake, Azure DevOps, Azure ML Studio, SSMS, SAS Enterprise Miner, Informatica Power Center, Git, Azure DataBricks.

Machine Learning—Supervised and Unsupervised learning, Linear and Logistic Regression, ANOVA, K-NN, Decision Tree, Random Forest, A/B Testing, SVM, Naïve Bayes, Predictive Analysis.

Python Libraries—NumPy, Pandas, Matplotlib, Scikit-learn, Seaborn

WORK EXPERIENCE

Tata Consultancy Services

Mumbai, India

Data Engineer

Sep 2017-Jul2021

- Developed more than 80 automated **data pipelines** handling **JSON** and **XML** objects to slash manual efforts by 80% for integrating **asset management KPIs** complex source system using **Azure data tools**.
- Collaborated with business analysts and stakeholders for increasing the **business intelligence reports** usage by 60% through developing **data storage** solution using **Azure data lake**.
- Build **Power BI dashboards** for business stakeholders showcasing **valuable insights** for more than 120 deals.
- Developed an auditing **framework** to store operational metadata to calculate **data platform's** performance.
- Reorganized the **Loan surveillance process** with an automated solution to save up to **4000 man-hours** by integrating an **ERP system** with partner banks through extracting data from REST API.
- Maintained **Azure subscriptions** alongside cloud resources to minimize the **billing cost by 20%** through **cost saving** techniques for resource creation and maintenance using Azure PowerShell.
- **Automated** quarterly business plans submission process to save up to 1000 man-hours by developing an end-to-end data solution using **data wrangling** techniques through **Azure data tools**.
- Expedited time to go live by 60% through building an automated **Continuous integration/Continuous Deployment model** for data pipelines of **distributed systems** resulting in more than 200 successful **releases**.
- Mentored 6 trainees to increase the deliverables of user stories up to 20% in **Agile** scrum methodology.

ETL Developer

Sep 2016-Jul 2017

- Improved **database performance** of Investment operations tables up to 30 percent by **fine tuning** the queries.
- **Spearheaded** ETL procedure using Informatica Power Center to process **10 million transactional records** daily and extracted business insights for clients, enabling them to make informed decisions about their business.
- Supported up to 100 data pipelines by **troubleshooting** the failures and suggested alternative solutions along with the business impact to the **stakeholders** with best **turnaround time** within SLAs.

University of South Florida

Tampa, FL

Student Assistant (Academic Tutor) - Athletics

Jan 2022-Present

- Coordinated with academic heads to ensure smooth scheduling of sessions for more than 100 student athletes.

RELEVANT PROJECTS

Retail Orders Analytics Dashboard

Microsoft Excel, Power BI

Develop **interactive BI dashboards** using dataset related to retail orders placed through data cleansing using Power Query editor with DAX and development of **data models** yielding valuable insights.

Real Estate Sales Analysis

Pandas, Matplotlib, Scikit-learn, Seaborn

Aiming to **slash 60%** of the irrelevant properties from the search results by scraping real estate data from website & using **ML algorithms** to provide **relevant properties** to home seekers based on nearby **venues**.

Used Cars Price Prediction

Azure ML studio, R studio

Built Machine learning models with **85% accuracy** for predicting prices based on dependent features of the cars using **linear regression, neural networks, and ensemble** using **Azure ML studio**.