

SARITA KUMARI

716-6589-744 • saritaku@buffalo.edu • 89 Custer St. Buffalo, NY 14214 [LinkedIn](#) • [GitHub](#)

Experience

Amdocs, Pune, India	Senior Data Analyst	Apr 2016 - Jul 2022
<ul style="list-style-type: none">Managed a 4-member project to execute a successful Proof of Concept for Apache NiFi based data-migration: Led to successful data migration of 50 petabytes of data.Initiated data modelling efforts by collaborating with stakeholders to gather requirements and translate them into a normalized relational database design, resulting in a 90% reduction in storage space by eliminating data redundancy.Developed and maintained 5+ Tableau dashboards to track subscriber demographics and usage patterns, facilitating targeted marketing campaigns that led to a 20% increase in customer acquisition.Crafted intricate data models and architectures, enhancing data processing efficiency for distributed and non-distributed systems, benefiting data lake and data warehouse platform: reduced data processing time by 30%.Spearheaded the development of a Machine Learning model that optimized subscriber phone plans, leading to a 15% increase in subscriber retention.Conducted in-depth analysis of slow-performing queries, identified bottlenecks, and applied query performance tuning strategies to improve database response times: Reduced dashboard loading time by 80%.Designed and implemented a star schema dimensional data model within a data warehouse environment, resulting in a 20% reduction in query response times, improving data accessibility for stakeholders.Utilized advanced Excel functions, including VBA macros and VLOOKUP, to automate data validation processes, reducing errors by 20% in telecom billing.		
EXperis IT, Pune, India	Data Analyst	Feb 2015 - Apr 2016
<ul style="list-style-type: none">Designed and implemented automation frameworks for desktop and mobile site versions, resulting in a 20% optimization of customer flows and seamless integration of CRM APIs.Crafted and executed a customer data pipeline in the telecommunication domain, yielding a 15% improvement in OLTP transaction handling throughput.Restructured SQL views and developed Stored Procedures in SQL Server, resulting in a 15% improvement in data retrieval speed.		
Sanvi Softech, Pune, India	Software Test Engineer	Dec 2011 - Nov 2014
<ul style="list-style-type: none">Developed web tools for QC Integration, Test Data Management, and multi-threaded test updates, managing Agile/Scrum projects with Jira and Confluence, leading to a 20% boost in software quality and efficiency.Utilized Selenium to automate testing, creating efficient scripts for improved test coverage and reliability, resulting in a significant reduction in testing time and human error, thereby enhancing software reliability for releases.Played a key role in the software development lifecycle by proactively identifying and resolving issues, reducing post-release defects, and enhancing customer satisfaction through meticulous bug analysis and resolution.		

Internship

AppMandi LLC, Chicago	Data Analyst Intern	Jun 2023 - Aug 2023
<ul style="list-style-type: none">Leveraged Python and AWS Glue for efficient ETL processes, cutting data preparation time by 40% and enhancing analysis efficiency, leading to data-driven decision-making.Developed an interactive Flask-based web app and utilized SSIS, Power BI, DAX and Power Query for data visualization, driving a 30% increase in user engagement and a 25% improvement in data utilization.		

Projects

<ul style="list-style-type: none">Job Search Insights: Leveraged Power BI to create interactive, dynamic data visualizations, yielding a 25% improvement in data-driven decision-making by offering invaluable insights into prevailing job trends and organizational attributes. View ProjectNeural Network & CNN: Built a Neural Network on income dataset of size 40000 to predict a person's income. Achieved accuracy of 87.07 % through hyperparameter tuning for model optimization. View Project		
--	--	--

Education

Master of Science in Data Science	
The State University of New York at Buffalo, New York	Aug 2022 - Dec 2023
<ul style="list-style-type: none">Coursework: Data Intensive Computing (Spark and Hadoop), Python and SQL, Data Visualization, Data Modelling, Machine Learning	
Bachelor of Technology in Computer Science and Engineering	Jul 2007 - Jun 2011
Visvesvaraya Technological University, Karnataka, India	

Skills

<ul style="list-style-type: none">Languages: Python, R, Java, SQL, C++Database: PostgreSQL, Oracle, MS SQL Server, MySQL, MongoDB, Database Normalisation, Data ModellingBig Data: Apache Hadoop, Apache Spark, Apache Kafka, Apache Hive, PySparkCloud: AWS RedShift, AWS Glue, AWS S3, Azure Data Lake, Azure Data Factory, Azure SynapseMachine Learning: Random Forest, Linear Regression, KNN, Logistic Regression, SVM, K-means, CNN		
---	--	--