SARVESH SANJAY JERE

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EDUCATION

Arizona State University   Tempe, AZ
Master of Science in Data Science,Analytics and Engineering   *Aug. 2024 – May 2026(Expected)*

Savitribai Phule Pune University   Pune, MH
Bachelor of Engineering in Electronics and Telecommunication   *Aug. 2018 – May 2022*

EXPERIENCE

Programmer Analyst   March 2023 – Aug 2024
Cognizant Technology Solutions   *Pune, MH*
- Developed and deployed advanced data analysis solutions using R, Python, and Pandas to enhance data processing, ETL workflows, and predictive modeling, boosting data accuracy and reporting efficiency by 30%
- Engineered interactive dashboards using Microsoft Power BI, Tableau, and Looker Studio, delivering comprehensive real-time insights to drive data-driven decision-making, resulting in 40% improvement in operational efficiency.
- Leveraged Google BigQuery for large-scale data querying, optimizing performance through SQL-based transformations and data warehouse management, leading to a 50% reduction in query execution time.
- Applied machine learning models using scikit-learn to develop predictive analytics, improving customer retention and sales forecasting.

ETL Developer   March 2022 – Feb 2023
Cognizant Technology Solutions   *Pune, MH*
- Spearheaded the design and optimization of complex ETL workflows utilizing Informatica, Talend, and SQL, enhancing data extraction, transformation, and loading processes, reducing processing time by 35%.
- Architected high-efficiency data pipelines for processing over 10 million records daily across structured and unstructured sources, including RDBMS and NoSQL systems on AWS and GCP platforms, ensuring rapid integration.
- Implemented data cleansing and transformation logic for big data sets using Apache Spark and Hadoop.

PROJECTS

Data-Driven Facial Recognition and Tracking System | *Python, OpenCV, MySQL*   Aug 2021 – May 2022
- Engineered a face tracking system with Python and OpenCV, processing real-time webcam data to accurately identify and track over 95% of individuals in diverse environments.
- Deployed advanced facial recognition algorithms, achieving a 98% accuracy rate in matching and verifying identities against a historical dataset of 1,000+ profiles.
- Formulated a robust database solution using MySQL, enabling storage and management of individual profiles.
- Optimized user interface design, resulting in a 40% increase in user engagement and satisfaction through seamless access to and management of identity data.

Advanced Football Analytics: Player Performance | *R,Tableau,Pandas,NumPy,React*   Feb 2024 – Aug 2024
- Developed an analytics framework using data from 1,000+ matches to evaluate player performance and ROI, identifying a 25% boost in goal-scoring efficiency and a 20% improvement in investment returns.
- Designed and implemented performance dashboards that visualize key player metrics, including goals, assists, and defensive actions of players which facilitated data-driven decisions, highlighting a 40% increase in chance-creating efficiency and a 30% improvement in defensive performance.
- Utilized ROI analysis to assess the financial impact of player acquisitions and contracts, providing actionable insights into cost-effectiveness and investment returns.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R, Hadoop, PySpark, Spark SQl.
Design and Modelling tools: Tableau, Microsoft PowerBI, Google BigQuery, R Studio, Google AutoML, Vertex AI.
Libraries and Tools: Pandas, NumPy, Matplotlib, Scikit-learn, NLTK, Docker, Amazon Web Services, Google Cloud Platform, SQL Server , PyTorch, Jupyter, OpenCV, Neo4j, Spark Storm, Spark Flink.
Certifications: Google Data Analytics Professional Certificate-Coursera, The Machine learning process-AWS, BigQuery for Data Analyst-Google, Google Cloud Big Data and Machine Learning Fundamentals, Data Analysis with R-Coursera, Data Analytics Fundamentals-AWS, Introduction to AI and Machine Learning on Google Cloud, Tableau - Udemy.