SAJAN SINGH SHERGILL (He/Him)

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PROFILE

Analytical and motivated MS in Data Science student with 3+ years of experience in software testing, quality assurance, and cross-functional collaboration. Seeking an on-campus role supporting data analysis, research, or technical systems. Excels at Python programming, data visualization, and communicating complex ideas effectively.

CORE COMPETENCIES

Python | SQL | Data Visualization | Machine Learning | Software QA Testing | Agile Development

EDUCATION

Pace University   **New York, NY**
Master of Science in Data Science| **GPA**: 3.67   May 2026

Guru Nanak Khals College Of Arts, Science & Commerce   Mumbai, MH
Bachelor of Science in Computer Science| **GPA**: 3.56   April 2021

PROFESSIONAL EXPERIENCE

Eduvanz Financing Private Limited   Mumbai, MH
Quality Assurance Engineer Level 1   September 2021 – June 2024

- Responsible for leading QA testing and integrating Salesforce LMS with Stride Inc.'s learning system, enhancing course tracking.
- Developed and executed test cases for full-stack applications, ensuring accurate functionality across multiple modules.
- Documented and communicated software issues across engineering and design teams to improve resolution time.
- Implemented automation frameworks and usability tests to optimize release cycles and system performance.

ACADEMIC PROJECTS

Electricity Consumption Forecasting with Prophet (Facebook)   November 2024 – December 2025

- Forecasted NYC electricity consumption using time series data and Prophet model, achieving strong R^2 and low MAPE.
- Engineered features and visualized seasonal trends to derive actionable insights.

Predicting Likelihood of Bank Marketing in a Future Marketing Campaign   March 2025 – April 2025

- Build a predictive model to classify which clients are likely to subscribe, and use this for lead prioritization in future campaigns.
- Applied core data analytics skills to understand campaign effectiveness. Finally, a practical data strategy allowed me to generate a targeted campaign recommendation with high potential ROI.

LEADERSHIP EXPERIENCE

Eduvanz Financing Private Limited   Mumbai, MH
QA Team Lead – Salesforce Integration   February 2022 – October 2023

- Responsible for managing QA processes for Salesforce business module integration and preparing system test reports.
- Led cross-department collaboration to identify defects and implement timely fixes across full product lifecycle.
- Enhanced documentation practices, contributing to better cross-functional understanding of system behavior.

SKILLS

Technical: Python, SQL, Java
Tools: Power BI, Tableau, Excel, Git, JIRA, AWS S3, Microsoft Word, Powerpoint, MS Office
Certifications: Google Data Analytics Certificate (Coursera – 2024)
Languages: English (Fluent), Hindi (Native), Punjabi (Native)

INTERESTS

Mindfulness & Early Mornings | Fitness & Discipline | Consistent & Perseverance | Sports & Athletics