

Suranjana SARKAR

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Data Analyst with expertise in Python, SQL, Excel, GDPR and Data quality. Pursuing an MSc in Data Analytics for Business (Graduating April 2026). Expanding expertise in Data analysis and Data engineering aspects and gaining business understanding. Committed to exploring big data and supporting decision-making innovative data driven environments.



Open for Data Analyst, Data engineer and Business analyst positions.

EXPERIENCE

MAY 2025 –
OCT 2025

HILTI France

Intern – Data Quality Engineer

Paris
France

- Collaborating with Hilti's Digital Marketing team to develop a Technical Data Product to enhance data quality, creating, managing and controlling data accuracy, creating data reliability and scalability, ensuring GDPR compliance, and implementing data governance practices, contributing to better customer experience across digital channels.
- Designed and implemented 15+ YAML based, and Python based data contacts, implemented 1000+ data validation and data quality rules for a TDP to automate data quality checks and enforce schema standards and helped to renew or rewrite existing TDP if needed while collaborating with other senior data engineers, aligning with GDPR standards.
- Implemented data quality checks and optimized dynamic queries in AWS Athena to analyze large datasets, identify incompatible data, flag integration issues, and solve them while collaborating with cross-functional teammates to maintain Data quality.
- Worked in a Multi Touch Authenticator project with some of my very talented colleagues to identify the most contributing and most frequent channel customer visit to search for products. Our model suggested using Data driven MTA for upcoming campaigns and comparing both MDP data and Google Analytics data to find the most contributing channel.

AUG 2021 –
AUG 2024

CAPGEMINI India

Senior Software Engineer

Kolkata
India

- Executed 100+ automated API test scripts and designed, updated, and executed 500+ manual, regression and sanity test cases for AFLAC, reducing testing cycle time by 30%, minimizing post-release incidents and improving delivery timelines and system reliability.
- Developed a strong foundation in quality assurance, reproducibility, and standardization practices applicable to data reliability.

EDUCATION

SEP 2024 –
APR 2026

KEDGE BUSINESS SCHOOL

Bordeaux
France

MSc in Data Analytics for Business [BAC+5] - Master 2

Core courses: Python, Machine Learning, SQL, Business Analysis, GDPR, AI, Change Management

Thesis: Customer review Sentiment analysis using NLP [*In-progress*]

Certificate:

- [Microsoft Certified: Azure AI Fundamentals](#) [January 31, 2025]
- [Professional Scrum Master](#) [December 17, 2024]

Hackathon:

- **Winner:** L'Oréal AWS AI Hackathon (March 2025): Created a business solution using AWS, ML, LLM and Basic Prompt Engineering.
- **3rd Place:** ARVAL Azure Hackathon (Jan 2025): Built an Azure-based ML model to identify the top 10 most sustainable car brands with the lowest CO₂ emissions.

JUL 2017 –
APR 2021

UNIVERSITY OF ENGINEERING AND MANAGEMENT

Kolkata
India

B. Tech in Electronics Engineering [ECE]

Final year Project: Image caption generator using CNN and LSTM neural networks.

CORE COMPETENCIES

TECHNICAL SKILLS:

- Python, SQL, Machine Learning, Microsoft Excel, Microsoft Power BI, Tableau, and Microsoft Word.
- Data pipelines (Airflow), AWS (Athena, S3), YAML-based schema enforcement.
- AGILE, JIRA, GDPR, AWS (Athena, S3), Data Management, ETL processes and BI solutions

SOFT SKILLS:

Problem-Solving | Strong Team Collaboration | Time Management | Communication | Organized | Analytical Thinking | Decision-Making | Attention to detail

LANGUAGE

English: C1 Advanced (IELTS band7) | **French:** Intensive Learning (A1) | **Bengali:** Mother tongue