Aurin Bose

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Technical Skills

Programming & Query Languages: SQL (MySQL, PostgreSQL, PLSQL, Oracle), Python (Pandas, Numpy, Matplotlib), Java

Data Visualization & Reporting: Tableau, Microsoft Power BI, Excel (Advanced functions, Pivot Tables, VLOOKUP)

Data Management & Governance: Microsoft Purview, Data Quality, Risk Assessment, Data Integration

Cloud & Development Tools: Amazon Web Services (ECS, S3, DynamoDB), Git, Postman, IntelliJ IDEA

ESG & Sustainability Reporting: Enablon, MSM

Artificial Intelligence: Github Copilot, Perplexity, Gemini (Nano Banana)

Experience

Associate Consultant (Tech Consulting, Data & Analytics & ESG)   **June 2023 – Present**
Ernst & Young   *Gurgaon, India*

- Led data pipeline migration for international investment firm, developing SQL scripts for initial data load and Java code for JSON-based notifications to Amazon S3, utilizing AWS services (ECS, S3, DynamoDB)
- Conducted comprehensive data criticality assessment for major South African bank using structured scoring model, developing Power BI dashboard for risk-based decision-making and governance efforts
- Developed enterprise-wide data governance standards for South African bank covering quality, metadata, and retention policies, with extensive risk assessments across key process control pillars
- Anchored end-to-end Enablon implementation for global ESG reporting with leading Indian steel manufacturer, automating data integration using Google BigQuery and defining KPIs for sustainability disclosures
- Delivered data discovery and metadata management using Microsoft Purview for major Indian manufacturing client, developing data quality dashboards to enhance enterprise-wide governance

Production Support Specialist   **September 2020 – March 2022**
Tata Consulting Services   *Warsaw, Poland*

- Resolved urgent incident tickets via ServiceNow, collaborating with Level 2 and 3 teams to ensure minimal disruption
- Led weekly release management meetings for APAC region, overseeing month-end, quarter-end, and year-end processes
- Developed weekly and monthly impact reports, providing stakeholders with actionable insights for decision-making
- Conducted application testing using PL/SQL and Excel, consistently delivering high-quality results
- Trained new hires on internal processes and tools, ensuring seamless onboarding and knowledge transfer

Education

MSc. Computer Systems and Networks   **September 2022**
Warsaw University of Technology   *Warsaw, Poland*

- Majors: Pattern Recognition, Database Management, Data Mining, Intelligent Information Systems, Networks

B.E (Hons) Computer Science   **October 2017**
BITS Pilani   *Dubai, UAE*

- Majors: Cloud Computing, Databases, Object Oriented Programming, Data Structures and Algorithms

Portfolio Projects

Google Fiber Case Study | *Certification Project*	**May 2023**
Minnesota Traffic Volume Dashboard | *Certification Project*	**May 2023**
COVID-19 SQL and Tableau Data Analysis | *Independent Project*	**May 2023**
Data Analysis on FIFA 23 Database | *Independent Project*	**February 2023**
Movie Database Analysis Dashboard | *Independent Project*	**February 2023**
Cyclistic Bike Share Case Study | *Certification Project*	**January 2023**

Certifications and Badges

Databricks Certified Data Analyst Associate   November 2024
Databricks
- Key Skills: Data Analysis, Delta Lake, Databricks SQL, Data Visualization

Google Business Intelligence Professional Certificate   May 2023
Coursera
- Key Skills: SQL, Tableau, Pattern Recognition, ETL, Data Modeling, Data Visualization

Google Data Analytics Professional Certificate   January 2023
Coursera
- Key Skills: Excel, SQL, Tableau, R, Data Cleaning, Data Validation, Data Analysis, Data Visualization

EY Analytics – Data Visualization Bronze Learning   November 2023
Ernst & Young
- Key Skills: Power BI, Data Storytelling, Reporting Design, Performance Management

EY Analytics – Data Integration Bronze Learning   October 2023
Ernst & Young
- Key Skills: Data Quality, Google Analytics, Excel Pivot Tables, Data Transformation