

Sahil Prakash

BI & Analytics Engineer | Power BI | Power Platform | SQL/BigQuery | GenAI Automation
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Professional Summary

BI & AI Engineer with 5 years turning operational data into decisions across **manufacturing, retail, finance-services, and people analytics**. Blend **Power BI** and Advanced DAX with **SQL / BigQuery** data engineering and build trustworthy data layers and embed **Copilot** in reporting workflows to reduce manual effort by up to **30%**. Trusted by global stakeholders based in the US/EU to deliver analytics for **10,000+** employee ecosystems. PL-300 certified

Core Competencies

BI & Visualization: Power BI (Desktop & Service), Advanced DAX, Power Query (M), Looker Studio, Semantic/Star-Schema Modeling, RLS

Power Platform & AI: Power Apps (Canvas), Power Automate(Cloud/Desktop), Copilot Studio, GenAI, RAG, RPA,Azure Open AI

Data & Analytics Engineering: SQL (CTEs, window functions), T-Sql , Google BigQuery, ETL/ELT, Data Modeling,Data Warehousing

Cloud & Languages: GCP, Microsoft Fabric, Python, Java, Spring Boot

Domain & Process: People & Workforce Analytics, Manufacturing, Retail, KPI Design, Data Governance, Agile/Scrum, JIRA

Professional Experience

Specialist

Apr 2026 – Present

Egen, Hyderabad, India

- Stabilized the **semantic data layer** powering an internal **Gemini-based AI analytics platform (EDITH)**, hardening snapshot logic and stored procedures to deliver governed, trustworthy datasets for **AI-driven conversational analytics**.
- Exposed **business metadata and semantic definitions** across 12+ source objects and re-engineered the reporting query layer (effective-date filters, job-type alignment) to **ground the platform's AI agents** in accurate historical data.
- Authored reusable **SQL stored procedures and data-integration logic** across a PSA → BigQuery pipeline, restoring accurate dimensional reporting and improving query performance.
- Partnered directly with **US-based global stakeholders and senior leadership** to convert operational workflows into decision-ready reporting and governed datasets.
- Tech Stack:** Google BigQuery, SQL (stored procedures, scheduled queries), data modeling, Looker Studio, GCP, Gemini *concepts*: semantic modeling, AI grounding, metadata enrichment.

Senior Software Engineer/Software Engineer

Jul 2021 – Mar 2026

Sopra Steria, Noida, India Client: Manitowoc (Manufacturing, France), Isocel / E.Leclerc (Retail, France) & People Analytics

- Designed and optimized **Power BI semantic models** (Advanced DAX, Power Query, RLS) for large-scale manufacturing analytics, tuning data models and **DirectQuery/Import** reporting to cut report latency by **10%**.
- Built a production **conversational AI agent (PotainETech)** on **Microsoft Copilot Studio** with Entra SSO, delivering self-service analytics over enterprise data and demonstrating **AI-assisted, copilot-style** reporting experiences.
- Architected **8+** Canvas Power Apps and **20+** Power Automate flows, automating manual processes and saving **12 hours/week** (**30%** of manual operational effort).
- Mentored **5+** junior developers and authored standardization guidelines that lifted enterprise BI/automation delivery quality.
- Engineered executive **People & Workforce Analytics** dashboards (headcount, joiner/leaver, retention, attrition) on governed **dimensional models**, supporting talent strategy across a **10,000+** employee ecosystem.
- Delivered secure operational reporting adopted by **500+** departmental users, enforcing governance and compliance through **row-level security** and strict data masking.

- Developed BI reports for a **French retail chain (E.Leclerc)** and optimized heavy **SQL queries, T-SQL logic, and data-warehouse views**, materially reducing execution time.
- **Tech Stack:** Power BI, DAX, Power Query, SQL/T-SQL, dimensional modeling, Power Apps, Power Automate, Microsoft Copilot Studio, Dataverse, Azure (Entra ID).

Certifications & Education

PL-300 (Power BI Data Analyst Associate) | DP-600 (Microsoft Fabric Analytics Engineer(Pursuing)) | Databricks GenAI Fundamentals | Agile Scrum (ScrumStudy)

B.Tech, Information Technology

RCC Institute of Information Technology, Kolkata

Aug 2017 – June 2021