

SHWETA SHINDE

Technical Product Manager | Cloud & Data Platforms

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EDUCATION

- **MBA in Project Management** | *DY Patil College, Pune* | **Expected Completion: November 2026**
 - **B.Sc. in Computer Science** | *Indira College of Commerce and Science, Pune* | **Graduated: 2022**
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PROFESSIONAL SUMMARY

- **AI & Data Engineer** with over 3 years of experience at Deloitte USI, specializing in scalable GCP, BigQuery, Dataform, and AWS enterprise data pipelines.
 - **Techno-Functional-skilled** in bridging technical architecture with business analysis, impact assessments, and technical POC delivery.
 - **Modernization & Automation**-with a proven track record of leading end-to-end pipeline migrations, zero-downtime schema evolutions, and ETL automation.
 - **MBA Candidate (Project Management)** with a Computer Science background, focused on agile delivery, stakeholder management, and team enablement.
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TECHNICAL & FUNCTIONAL SKILLS

- **Cloud Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS)
 - **Data Engineering & DWH:** Google BigQuery, Dataform, Cloud Data Fusion, ODS & DWH Architecture, Staging Tables, ETL/ELT Pipelines, Cloud Data Ingestion, Informatica
 - **Languages & Scripting:** SQL (Query Optimization, DDL/DML, Schema Migration), Python (Automation, Scripting)
 - **Analytics & BI:** Power BI, Data Validation, Reconciliation Reporting, Performance Monitoring
 - **Techno-Functional & Delivery:** Requirement Gathering, Impact Analysis, Business Analysis, Technical POCs, Process & API Documentation, Knowledge Transfer (KT)
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WORK EXPERIENCE

Deloitte Consulting (USI)

AI & Data Engineer | *Talent Group: Data Engineering x AI & Data*

Offering: Cloud Data Ingestion

February 2023 – Present

Project: CTRMA (Central Texas Regional Mobility Authority) – GCP Platform (*Oct 2023 – Present*)

- **Led End-to-End Dataform Migration:** Single-handedly migrated legacy data pipelines from Cloud Data Fusion to Dataform on GCP, establishing version-controlled SQL workflows, reducing pipeline execution latency by 35% and cutting pipeline maintenance costs by 40%.
- **Team Enablement & Mentorship:** Conducted structured Knowledge Transfer (KT) sessions and onboarding for the engineering team, accelerating adoption and standardizing development best practices.
- **Zero-Downtime Schema Evolution:** Led detailed impact analysis and executed critical column upgrades (int4 to int8) across core transactional tables with zero system downtime and 100% data integrity.
- **DWH & ODS Capacity Expansion:** Designed and deployed BigQuery schema enhancements across ODS and DWH layers to support new business fields, expanding payload capacity by 30% and accommodating 100% of new structural business fields.
- **ETL Automation:** Engineered automated Pay-By-Mail (PBM) data ingestion workflows using optimized logic, significantly accelerating daily data load turnaround.
- **Financial Reconciliation Reporting:** Partnered with functional stakeholders to implement business logic for financial reconciliation reports to ensure audit-ready data.
- **Root-Cause Analysis & SLA Adherence:** Triaged and resolved critical pipeline failures, defects, and partial ingestion issues within defined SLAs to improve test and staging environment stability.
- **Standardized Documentation:** Authored comprehensive technical documentation for platform maintainability, covering Data Processing System (DPS) specifications, Retry API, Download Image API, and Pricing logic improving operational maintainability and reducing developer troubleshooting time by 30%.

Project: Sanofi CH Safety – Healthcare Data Workflow (*Feb 2023 – Oct 2023*)

- **Monitoring & Operational Support:** Monitored critical healthcare safety workflows using AWS and Python, ensuring high system reliability and rapid incident triage maintaining 99.5%+ SLA compliance.
- **Workflow Automation:** Automated recurring daily monitoring checks and data validation scripts, cutting manual oversight effort by 50%.

- **Stakeholder Dashboards:** Created interactive Power BI dashboards to provide clear operational visibility and pipeline health metrics to business stakeholders.
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CERTIFICATIONS & BADGES

- **GPS Generative AI Fundamentalists** — *Deloitte*
 - **GitHub Copilot Fundamentals & Developer Use Cases for AI with GitHub Copilot**
 - **Deloitte AI Academy Generative AI Fluency & Tech Savvy Generative AI**
 - **Master the Art of Prompt Engineering**
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COMMUNITY WORK

- **Volunteer, Arshi Society (NGO)** — Assisted in coordinating community welfare programs and grassroots social outreach activities.