

Rushabh S. Shah

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SUMMARY

Forward Deployed Data & AI Engineer with 7+ years of experience building client-facing AI, data quality, and workflow automation solutions. Strong hands-on background in Python, SQL, RAG, agentic workflows, APIs, CI/CD concepts, Snowflake, Databricks, and cloud platforms. Known for moving ambiguous business problems into working prototypes, tested deployments, user adoption plans, and measurable outcomes.

CORE SKILLS

- Forward Deployed Engineering: client discovery, workflow mapping, rapid prototyping, demos, rollout planning, adoption tracking
- AI Engineering: LLM apps, RAG pipelines, vector search, prompt design, agent orchestration, MCP, A2A, human review
- Build & Deploy: Python, SQL, Git, GitHub, CI/CD concepts, Docker concepts, APIs, FastAPI, production readiness
- Data Platforms: Snowflake, Databricks, SAP, Salesforce, SharePoint, Informatica MDM, Reltio, Tableau, Power BI
- Cloud & Integration: AWS, Azure, GCP, ERP/CRM data, access controls, data security, integration testing, release support
- Quality & Governance: data profiling, reconciliation, validation rules, MDM, lineage, UAT, audit-ready documentation

PROFESSIONAL EXPERIENCE

Manager Consultant - SME Business Data Services | Genpact LLC | Boston, MA | Jun 2023 - Present

- Led a 15-member team across AI/ML, data engineering, analytics, and business functions and embedded with client teams to turn unclear AI and data problems into working prototypes, delivery plans, and production-ready workflows.
- Run technical discovery for AI use cases. Map users, source systems, permissions, success metrics, and deployment risks before build.
- Designed and deployed Data Lighthouse for profiling, validation, reconciliation, enrichment, stewardship, and automated remediation. Reduced manual effort by ~40% and improved data accuracy by ~30%.
- Built RAG-based assistants that search SAP, Salesforce, SharePoint, cloud data, policy documents, and operating guides through natural language.
- Developed agentic workflow patterns using MCP and A2A concepts for data profiling, anomaly review, exception routing, and governance tasks.
- Used Python, SQL, Snowflake, and Databricks to profile source data, build validation logic, reconcile exceptions, and prepare AI-ready datasets.
- Defined build-to-release steps for AI prototypes, including backlog items, test cases, UAT scripts, IAM, and CI/CD-ready handoffs.
- Partnered with architects and data engineers on API needs, security constraints, cloud access, logging, failure scenarios, and release readiness.
- Created executive demos, adoption playbooks, and training materials to improve trust in AI-enabled workflows and outputs.
- Implemented MDM controls for customer, vendor, supplier, material, finance, and operations data using SAP MDG, Informatica MDM, Reltio, SQL, and Python.
- Supported AI opportunity assessments and client demos across 7+ multinational clients. Contributed to \$10M+ in business impact and revenue opportunities.

Business Analyst | Cognizant Pvt. Ltd. | Mumbai, India | May 2021 - Jul 2022

- Worked with life sciences users to gather requirements, map workflows, document gaps, and support the deployment of enterprise data solutions.
- Supported a global LIMS implementation across 7+ sites. Coordinated UAT, defect tracking, validation, and production readiness.
- Converted user feedback into process flows, test scenarios, reporting requirements, and release documents for technical and QA teams.
- Improved operational visibility by standardizing data capture rules and reporting logic in a regulated environment.
- Prepared go-live materials and stakeholder updates so non-technical users could adopt new workflows with lower support burden.

Co-Founder | Trueno Electric Vehicle Pvt. Ltd. | Mumbai, India | May 2018 - May 2020

- Built a technology-enabled logistics platform for route planning, fleet utilization, cost tracking, and operational reporting.
- Translated field feedback from delivery operators into product requirements for trip planning, driver assignment, and cost visibility.
- Worked with technical partners to test workflows, review usability, and improve reporting before customer rollout.
- Led product planning, vendor coordination, customer discovery, and early go-to-market execution for a cloud-enabled operations model.

SELECTED PROJECTS

- **Data Lighthouse:** AI-powered data quality platform for profiling, enrichment, validation, reconciliation, stewardship, and remediation. Deployed across 7+ clients and linked to \$10M+ in impact.
- **D4 Workspace:** Forward-deployed AI workspace in production to automate manufacturing processes.
- **Enterprise AI Assistants:** Built assistant concepts that connect business users to ERP, CRM, SharePoint, cloud data, and reporting workflows through natural language.

EDUCATION

- Arizona State University, W. P. Carey School of Business - Master of Science in Business Analytics, GPA 4.0 | Aug 2022 - May 2023
- Narsee Monjee Institute of Management Studies - Master of Business Administration, Dean's List, Gold Medalist | Jun 2019 - Apr 2021
- Mumbai University, Bombay College of Pharmacy - Bachelor of Pharmacy | May 2014 - May 2018

CERTIFICATIONS

- AWS Certified Cloud Practitioner | Lean Six Sigma Green Belt | Snowflake Partner Technical Foundations