

PRATIK KUMAR KALE

AI SOLUTIONS ENGINEER | STRATEGY — DATA & ANALYTICS

Hyderabad, Telangana, India | kpratik64@gmail.com | +91-8919052874

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EXECUTIVE SUMMARY

I help teams build AI-enabled decision systems — reliable platforms, governed data, and fast, useful insights. Outcomes first; lean standards; sleeves-rolled-up execution (LLM/RAG prototypes, shaping SQL models, and performance fixes). 8+ years across data engineering, analytics, and BI with measurable wins in cost, reliability, and adoption.

CORE LEADERSHIP AREAS

- Data Platform Architecture (Lakehouse, Data Warehouse)
- AI & Analytics Strategy (Self-Service, Governance)
- Cloud Platforms (OCI / AWS / Azure)
- Data Governance, Security & Compliance
- Team Leadership & Mentorship
- Cost Optimization & FinOps
- Stakeholder Management & Executive Communication
- Vendor Management & Build/Buy Decisions
- ETL/ELT Pipeline Design & Optimization
- Performance Tuning & SLA Management

CAREER HIGHLIGHTS

- Migrated data lake from AWS to OCI, cutting cloud costs by 30% and improving pipeline reliability to 99.9% uptime.
- Optimized BI estate reducing dashboard load time from 15s to 3s for 500+ users across multiple business units.
- Established clear schemas (data contracts), metrics/semantic layer, and CI/CD for pipelines — 60% fewer incidents in 6 months.
- Scaled analytics team from 3 to 8 engineers while improving on-time delivery from 70% to 95%.

EXPERIENCE

ITECHVERSITY SOLUTIONS PVT LTD — Hyderabad, India

Lead Data Analytics Engineer

2022 – Present

Reports to: CTO. Team: 8 (Data Engineering, Analytics, BI). Budget: \$500K. Tech: OCI, AWS, Power BI, OAS, Python, SQL.

Selected Achievements

- Built comprehensive data platform on OCI and AWS; reduced refresh SLAs from 8 hours to 30 minutes; achieved 99.9% uptime across all pipelines.
- Delivered self-service BI strategy using Power BI and OAS, improving time-to-insight by 70% across 3 business units.
- Instituted data contract governance and CI/CD for pipelines; cut incident rate by 60% and reduced manual intervention by 80%.
- Optimized ADW connectivity and governed cost baselines, saving \$50K/year in cloud infrastructure costs.

Key Initiatives

- Rolled out self-service analytics with semantic models and certified datasets; user adoption increased to 85%.
- Established data governance framework aligned with enterprise security policies and compliance requirements.

INFOLOB (ENGAGEMENT) — Hyderabad, India

Data Engineering Consultant

2024

Team: 3; Domains: data migration, pipeline optimization; Stack: OCI, AWS, Python, SQL.

- Migrated data lake from AWS to OCI with staged cutover; cut cloud costs by 30%; improved T+1 reliability to 99.5%.
- Optimized ADW connectivity and governed cost baselines, reducing query response time by 40% for complex analytics workloads.

CLOVERTEX (ENGAGEMENT) — Hyderabad, India

BI & Data Warehouse Consultant

2025

Team: 2; Domains: data warehouse, BI implementation; Stack: OCI, Tableau, SQL.

- Built data warehouse on OCI with Tableau; implemented GxP-minded delivery approach ensuring compliance and data quality.
- Set up ingestion standards and data contracts, reducing data quality issues by 75% and improving stakeholder confidence.

SELECTED PROGRAMS & PROJECTS

OCI Data Platform Migration

Role: Lead Architect | Tech: OCI, AWS, Python | Impact: 30% cost reduction, 99.9% uptime

Self-Service AI & BI Implementation

Role: Strategy Owner | Tech: Power BI, OAS | Impact: 70% faster insights, 85% adoption

Data Governance Framework

Role: Lead | Tech: CI/CD, Data Contracts | Impact: 60% fewer incidents, 80% less manual work

Cost Optimization Program

Role: Owner | Tech: OCI, FinOps | Impact: \$50K annual savings, 40% performance improvement

THOUGHT LEADERSHIP

- Speaking: Data Platform Architecture at Oracle Cloud Summit, 2024
- Publications: "Modern Data Architecture on OCI" - Tech Blog, 2024

- Open Source: Contributed to data governance frameworks and ETL optimization tools

EDUCATION & CERTIFICATIONS

- Bachelor's in Computer Science — University (2016)
- Certifications: Oracle Cloud Foundations (target), Microsoft Certified: Data Analyst Associate (Power BI), AWS Solutions Architect (target)

TOOLS & TECHNOLOGIES

Languages

- Python, SQL, DAX

Data & ETL

- Spark, ODI, OCI Data Integration, ADF, dbt

Analytics & BI

- Power BI, Tableau, OAS/OBIEE, Oracle ADW

Cloud & Infrastructure

- OCI, AWS, Azure; Storage, Compute, Networking, Security

Databases

- Oracle ADW, PostgreSQL, Snowflake

Development

- Django, FastAPI, React, REST APIs, Git, CI/CD

AWARDS & RECOGNITION

- Excellence in Data Engineering — ITechVersity Solutions, 2023
- Best Performance Award — INFOLOB Engagement, 2024
- Innovation in Cloud Architecture — Oracle Partner Network, 2024