Shivam Birla

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Summary

Data Engineer with 2 years of experience building, optimizing, and supporting ETL pipelines and data warehousing workflows using Oracle Data Integrator (ODI) and Informatica, with strong SQL skills and a solid foundation in data structures and algorithms (1000+ problems solved). Delivered data solutions for retail (IKEA) and banking (MUFG) clients. Completed coursework in GCP, Docker, Kubernetes, and Terraform.

Skills

Languages: Python, SQL, C++

Data Engineering: ETL Development, Oracle Data Integrator (ODI), Informatica, Ab Initio, Data Warehousing, Data Pipelines, Change Data Capture (CDC), Data Quality & Validation, Performance Tuning

Databases & Middleware: Oracle SQL Database, Oracle SOA Suite, WebLogic

Cloud & DevOps (coursework): Google Cloud Platform, Docker, Kubernetes, Terraform, Git, GitHub, Linux

Experience

Senior Analyst (Data Engineer), Capgemini – Bengaluru, India — Nov 2024 – Jan 2027

Client: IKEA — *Data Engineering – ETL & Data Warehousing*

- Developed and enhanced ODI mappings, packages, and scenarios to extract, transform, and load retail transaction and store data from source systems into the central Oracle data warehouse.
- Built and supported Change Data Capture (CDC) and baseload pipelines, reprocessing and reconciling loads after failures to keep downstream data consistent and complete.
- Wrote and tuned Oracle SQL for data validation, data quality checks, and reconciliation, and for new store onboarding across environments.
- Supported critical real-time transactional data flows in Oracle SOA Suite, resolving error queues in WebLogic and finding root causes of message and data failures.
- Monitored cloud-based data flows on Google Cloud Platform (Cloud Run), troubleshooting failures from logs and alerts and tracking incidents in ServiceNow and Jira.

Client: MUFG Bank — *Data Engineering – ETL Development*

- Developed and maintained Informatica PowerCenter mappings, sessions, and workflows to load banking data into target data warehouse tables.
- Validated and reconciled loaded data against source systems using SQL to ensure accuracy for downstream reporting.
- Monitored scheduled batch pipelines, investigated job failures, and applied fixes or reruns to meet batch processing SLAs.

Achievements

- **Scored 98.6 Percentile in JEE Mains.**
- **Cracked JEE Advanced.**
- Solved **1000+ coding problems** on various coding platforms.
- Highest ratings: Codeforces **1301**, LeetCode **1726**

Education

National Institute of Technology — Oct 2020 – June 2024

Bachelor of Technology in Mathematics and Computing