

Piyush Varshney

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SUMMARY

Results-driven **Data Engineer** with over **3.6 years** of experience delivering enterprise-grade **data integration solutions** using **Informatica IDMC (CDI/CAI/MDM)**, **Python**, and **SQL**. Proven expertise in building scalable **ETL pipelines**, **metadata-driven architectures**, and **cloud integrations** with a strong focus on **data governance**, **performance optimization**, and reliability. Hands-on experience integrating **Snowflake**, **SAP**, **Anaplan**, **Veeva Align**, **Salesforce**, and **SuccessFactors**. Experienced in **Agile** environments with strong exposure to **Azure Cloud**, **UNIX scripting**, and **UC4 Automic** workload orchestration.

EXPERIENCE

Capgemini

Noida, India

Client: Boehringer Ingelheim

Associate Consultant

Jan 2025 – Present

- Engineered robust **ETL processes** using **Informatica IDMC** for data ingestion from **SuccessFactors** to **SQL Server**, ensuring data accuracy, scalability, and governance compliance.
- Enhanced **Salesforce** integration within the **IDMC platform** by migrating from login/password authentication to **OAuth 2.0** with API-based refresh token generation, improving security and automation.
- Developed an automated **metadata-driven architecture** leveraging **IDMC platform capabilities** to dynamically generate mappings, taskflows, and workflows, improving maintainability and efficiency by **40%**.
- Provided production support and **root-cause analysis** across **IDMC data pipelines**, reducing downtime by **25%**.
- Performed advanced **UC4 administration** for **IDMC workloads**, including monitoring, job recovery, SLA handling, and optimizing batch execution cycles.

Senior Analyst

Jan 2024 – Dec 2024

- Optimized ETL performance by transforming ~3-hour processes into ~10-minute runs using **Python**-based CSV-to-XML conversion scripts integrated with **IDMC (IICS runtime)**.
- Designed and maintained scalable **IDMC-based data pipelines** integrating **SAP**, **Salesforce**, **Anaplan**, **Veeva Align**, and **SuccessFactors**, enabling enterprise-wide analytics.
- Migrated **IDMC / IICS** schedules to **UC4 Automic**, integrating **UNIX** scripts for improved job control, orchestration, and monitoring.
- Implemented **UC4 job chains** for **IDMC workflows**, ensuring end-to-end orchestration reliability.

Analyst

June 2022 – Dec 2023

- Developed ETL workflows using **Informatica IDMC (IICS)** for both batch and API-driven data ingestion.
- Implemented **IDMC-aligned data quality**, schema validations, and **performance tuning**.
- Supported client operations by troubleshooting data discrepancies across **IDMC pipelines**.

CERTIFICATIONS

Microsoft Certified: Azure Data Fundamentals (DP-900)

EDUCATION

GLA University

Mathura, India

Bachelor of Technology in Computer Science (Specialization in Data Analytics)

Aug 2018 – May 2022

SKILLS

Programming Languages: Python, SQL, Linux/Unix Shell Scripting

ETL / Data Tools: Informatica IDMC (CDI/CAI/MDM), Power BI, UC4 Automic, JIRA, Git

Databases / Warehouses: SQL Server, Oracle, MySQL, Snowflake

Cloud Platforms: Azure, Salesforce

Others: Data Warehousing, Metadata Management, Data Quality, Data Governance, CI/CD Pipelines, Agile Methodologies

ACHIEVEMENTS

Recognized with **Shining Star Award (Q3 2024)** for excellence in data integration and automation delivery.

Awarded **Rising Star Award (Q2 2023)** for delivering high-impact ETL performance improvements.