Tamir Refael

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Professional Summary

Software Engineer specializing in **Data Engineering and SQL Development**. Experienced in designing ETL workflows using **Informatica PowerCenter and IDMC (Cloud)**. Proficient in writing targeted **PL/SQL queries** and SQL Overrides. Strong background in Full-Stack development, with a focus on data integrity, efficient processing, and system performance.

Work Experience

Data Engineer & Informatica Developer | Aman Group   Nov 2025 – Present

- Developed End-to-End ETL processes using **Informatica PowerCenter 10.x and Cloud (IDMC)**.
- **Proficient in Oracle SQL/PL-SQL**, creating custom **SQL Overrides** with Window Functions (RANK), UNIONs, and complex joins to optimize data extraction.
- Implemented practical data logic including **SCD (Slowly Changing Dimensions) Type 1/2** and processing **XML** data sources.
- Performed Unit Testing and data validation to ensure alignment with business requirements and data integrity.
- Completed intensive professional training in data integration, matrix-managed projects, and IT best practices.

Real-Time Monitoring Operator | Kavim   Apr 2025 – Nov 2025

- Managed multi-system fleet technology, triaging real-time alerts and executing remote technical fixes.
- Coordinated with field technicians to maintain system stability and high operational uptime.

Financial Operations Specialist | Harel Insurance   2017 – 2019

- Managed financial accounts and data reconciliation, ensuring high accuracy under strict deadlines.

Education

B.Sc. in Software Engineering   2021 – 2025
Shamoon College of Engineering (SCE).

Technical Skills

Databases:	**Oracle (PL/SQL)**, PostgreSQL, SQL Server, MongoDB, Firebase.
Data & ETL:	Informatica PowerCenter, **Informatica Cloud (IDMC)**, SQL Overrides, SCD, XML.
Languages:	SQL, JavaScript, Python, C/C++, Java, HTML/CSS.
Technologies:	Node.js, Express.js, React, RESTful APIs, Docker, Kubernetes.
Tools:	Git, Linux CLI, Jira, AWS, GitHub Actions.

Projects

- **BikeSafe:** IoT Flutter application with Node.js backend for real-time safety monitoring.
- **Flight Booking System:** Full-stack application containerized with Docker and deployed via CI/CD.
- **Social Cars:** Real-time alert system built with React, Node.js, and MongoDB.

Military Service

Driver Supervisor | IDF (Israel Defense Forces)   2014 – 2017
Supervised a professional driving team and coordinated logistics in high-security environments.