

NIV SCHENDEL, 25

Data & SQL Engineer | T-SQL • SQL Server • Analytical Data Models • ETL • Power BI

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SUMMARY

Data-focused Engineer with 3 years building production SQL Server data layers, stored procedures, fact tables, and KPI views feeding BI dashboards across dozens of enterprise customers. Combine deep T-SQL and performance-tuning expertise with C# (.NET 8) backend skills to ship reusable, multi-tenant data engines and ETL-style loads, reducing new-customer deployment time from ~1 day to under 1 hour. Recently extended throughput by building a sandboxed AI agent and Skill toolkit that auto-generates SQL artifacts and functions inside a closed legacy system. Completing a B.Sc. in Computer Science at HIT (evening) while working full-time.

EXPERIENCE

Solutions Engineer - Inspiria LTD

Mar 2024 - Present

- **Designed analytical SQL Server data models** (fact tables, KPI logic, stored procedures, SQL views) feeding Power BI dashboards consumed by finance and operations teams across **dozens of enterprise customers**.
- **Resolved high-volume database bottlenecks** by analyzing execution plans and applying targeted indexing strategies. Cut report runtimes in production and unblocked client month-end closes.
- **Architected configuration-driven data engines for multi-tenant rollouts** using declarative parameter tables and dynamic T-SQL generation. **Reduced new-customer deployment from ~1 day to under 1 hour**. Engines power vendor-risk scoring, inventory analytics, and complex financial modules (Budgeting, Aging, VAT Allocation).
- **Built ETL-style data loads** from transactional ERP tables into curated analytical layers, sourcing data via **SAP DI API / Service Layer** and T-SQL. Surfaced clean, reusable datasets for downstream BI consumption.
- **Built a custom AI agent and Skill toolkit that auto-generates SQL artifacts and functions for a closed legacy system** (B1UP / Boyum IT), executing within sandboxed environments. Automates significant portions of recurring data-engineering work that previously required manual scripting.
- **Shipped production REST APIs** in C# / .NET 8 / ASP.NET Core to expose curated data layers, with structured logging (NLog) and Postman regression suites. Drove delivery across **6+ on-site customer engagements**.

SAP Business One Implementer - Inspiria LTD

Mar 2023 - Mar 2024

- **Authored T-SQL fixes, stored procedures, and SQL views across dozens of enterprise customer deployments**. Root-cause analysis in production data, integrated via **SAP DI API and Service Layer**, UAT, and rollout.
- **Delivered scoped data and integration projects**: wrote technical specifications, coordinated with developers, and documented releases.

Industrial Operations Engineer - IDF Ground Forces, Engineering Branch

Jun 2020 - Mar 2023

- Applied industrial engineering methods to operational planning and process improvement; built Excel models and authored queries against military operational systems for analysis and reporting.

EDUCATION

B.Sc. in Computer Science - Holon Institute of Technology (HIT)

Nov 2024 - 2027

- Evening program while working full-time. Completed coursework: Data Structures, Object-Oriented Programming, Advanced Programming Workshop.

Industrial Engineering Technician Certificate - Revivim College

Sep 2018 - Jun 2020

SKILLS

Data & Databases Microsoft SQL Server (MSSQL), T-SQL, Stored Procedures, SQL Views, Relational Data Modeling, Analytical Data Models (Fact tables, KPI logic), Performance Tuning (Execution Plans, Indexing), ETL-style Data Loads

BI & Reporting Power BI, KPI Logic, Dashboard-feeding SQL Layers

Languages & Frameworks T-SQL, SQL, C# (.NET 8), ASP.NET Core, C / C++ (foundations)

API & Backend REST APIs, JSON / XML, Layered Architecture (Service / Repository), Configuration-Driven / Declarative Engines, Dynamic Query Generation

AI & Automation AI Agent Development, Sandboxed Execution, Automated SQL / Code Generation

Integration & ERP Context SAP DI API, SAP Service Layer, SAP Business One, B1UP (Boyum IT)

Tools & Practices Git, Postman, NLog, Code Reviews