



# IOANNIS TSARMANTIDIS

## CONTACT INFORMATION

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## WORK EXPERIENCE



Juni 2025 – Present **Freelancer | SAP Data Migration and Data Analysis**



Oct 2023 – May 2025 **PwC Germany | Associate - SAP Data Migration**



Sep 2021 – Oct 2023 **PwC Germany | Working Student – SAP & IT Audit (Risk Assurance Solutions)**



Jun 2021 – Jul 2021 **Exxeta | Working Student - DevOps & Cyber Security**



Nov 2020 – Apr 2021 **Deloitte GmbH | Working Student - Risk Advisory**



## EDUCATION



Bachelor of Science, Business Information System |  
Martin-Luther-University Halle-Wittenberg



## SKILLS



### Technical - Fields:

IT Audit & Compliance · SAP S/4HANA Data Migration & Transformation · Data Analytics & Quality Assurance



### Technical – Skills:

SAP S/4HANA Migration Cockpit · HANA SQL Script · SAP Data Services · Python (pandas, numpy) · Alteryx Designer · SQL & DB Management (HANA, PostgreSQL) · Power BI · Excel · IOS-App



### Management:

Project Planning & Cut-over Management · Stakeholder Communication & C-suite Reporting · Risk Assessment & Mitigation · Workshop & Training Facilitation · Team Coordination · High-pressure Problem-Solving



### Languages:

German, English, Russian, Greek

## WORK EXPERIENCE

### **Associate - SAP Data Migration | PwC Germany, Leipzig | Oct 2023 – May 2025**

While working at PwC Germany, executed end-to-end migrations from SAP R/3 and diverse legacy systems to SAP S/4HANA Cloud. Utilised SAP Migration Cockpit, HANA SQL Script, bespoke ETL routines, Alteryx Designer workflows and Python (pandas) scripts for data profiling, cleansing, deduplication and reconciliation of datasets.

Deliverables reduced migration defects and cycle time, enabling on-schedule go-lives and avoiding costly rework for clients and PwC.

### **Working Student - IT Audit (Risk Assurance Solutions) | PwC Germany, Leipzig | Sep 2021 – Oct 2023**

While working at PwC Germany, evaluated ERP landscapes and internal control systems for healthcare, banking and industrial clients under ISAE and IDW standards. Applied different toolsets plus tailored migration test cases to assess ITGCs, application controls and data-migration controls, documenting results in audit workpapers and management letters.

Findings closed control gaps on time and supported unqualified audit opinions, safeguarding client compliance and PwC's audit quality metrics.

### **Working Student - DevOps & Cyber Security | Exxeta AG, Leipzig | Jun 2021 – Jul 2021**

While working at Exxeta AG, familiarised myself with Docker, Kubernetes and basic CI/CD tooling while briefly supporting the DevOps/Security team during a sprint.

### **Working Student - Risk Advisory | Deloitte GmbH, Leipzig | Nov 2020 – Apr 2021**

While working at Deloitte Germany, analysed large financial datasets with the JET analytics suite for SOX-compliant risk testing. Performed column mapping, anomaly detection and root-cause analysis, presenting insights via Power BI dashboards and evaluation reports.

Results enabled timely remediation of control weaknesses and supported accurate audit opinion letters, reducing compliance risk for Deloitte's clients.

# SAP S/4HANA DATA-MIGRATION DOMAIN KNOWLEDGE

## End-to-End Ownership

- Planning, design and execution of full data migrations from SAP R/3 and non-SAP sources into SAP S/4HANA Cloud.
- Data profiling, quality checks, duplicate detection and plausibility validation with Python (pandas) and Alteryx Designer.
- Power BI dashboards for KPI-driven progress monitoring and error heat-maps.

## Template & Staging Approaches

- Automated filling of SAP XML/Excel templates for 40 + migration objects via Python (pandas, openpyxl) and Alteryx workflows.
- For high-volume data: HANA SQL staging tables or SAP BTP Data Services feeding the Migration Cockpit.
- Upload, validation, simulation, delta runs and productive loads handled through the Migration Cockpit, with object-level error analysis and remediation.

## Module & Object Coverage

- Finance (FI/CO) – **G/L accounts, bank master, cost & profit centres, open A/R & A/P, asset masters, tax codes, house-banks, internal orders, cost-element mapping.**

**Fiori touch points:** Manage G/L Account Master Data, Manage Journal Entries, Manage Bank Accounts, Post Incoming Payments, Post Outgoing Payments.

- Customer Master / BP (SD) – **BP conversion, credit limits, pricing & condition records, rebate agreements, dunning data.**

**Fiori touch points:** Maintain Business Partner, Manage Customer Master Data, Manage Customer Line Items, Display Credit Management Data.

- Vendor Master / BP (MM) – **BP supplier conversion, banking details, payment terms, withholding-tax, contact roles.**

**Fiori touch points:** Maintain Business Partner, Manage Supplier Master Data, Manage Supplier Line Items, Manage Automatic Payments.

- Materials Management (MM) – **Material master (all views), purchasing info records, source lists, contracts, scheduling agreements, batch/serial data, class & characteristics, QM inspection setup, initial & valuated stock.**

**Fiori touch points:** Manage Product Master Data, Create Material, Manage Source Lists, Manage Purchase Orders, Monitor Stock – Multiple Materials.

- Procurement – **Open POs, release strategies, outline agreements, open service entries, supplier confirmations, evaluation scores.**

**Fiori touch points:** Manage Purchase Requisitions, Confirm Receipt of Goods, Manage Service Entry Sheets, Supplier Evaluation by Quantity.

- Sales & Distribution (SD) – **Open sales orders, deliveries, billing plans, pricing conditions, rebate/bonus agreements, text objects, dunning history.**

***Fiori touch points:*** Manage Sales Orders, Manage Outbound Deliveries, Create Billing Documents, Monitor Pricing Conditions, Display Customer Rebates.

- Production Planning (PP) – **BOMs, routings, work-centres, production & planned orders, WIP valuation, PIR demand, capacity loads.**

***Fiori touch points:*** Manage Production Orders, Monitor Production Orders, Manage Work Centers, Manage Bills of Material, Schedule MRP Runs.

- Extended Warehouse / EWM – **Storage types & bins, handling units, warehouse tasks/transfer orders, HU/bin-level stock, physical counts, QM sample stock, wave templates.**

***Fiori touch points:*** Monitor Warehouse Stock, Process Warehouse Tasks, Manage Handling Units, Physical Inventory Count, Warehouse KPI Overview.

- Asset Accounting (AA) – **Asset masters, history-sheet values, depreciation areas & keys, accumulated depreciation.**

***Fiori touch points:*** Manage Fixed Assets, Post Capitalisation, Schedule Depreciation Runs, Asset History Sheet, Close Fiscal Year for Assets.

- Quality Management (QM) – **Inspection lots, quality notifications, certificates of analysis, inspection plans, results history.**

***Fiori touch points:*** Record Inspection Results, Manage Quality Notifications, Inspect Goods Receipt, Display Certificate of Analysis.

- Project System (PS) – **WBS elements, network activities, project settlement rules, budgeting data, progress analysis.**

***Fiori touch points:*** Project Builder (Fiori), Manage Projects – WBS, Plan Project Budgets, Monitor Project Progress, Settle Projects.

- Cross-functional – **BP CVI conversion, document info records, serial/batch characteristics, QM inspection data, engineering change masters, qualification records, profit-/cost-centre hierarchies.**

***Fiori touch points:*** Migration Cockpit (Project View), Data Quality Analysis, Manage Document Info Records, Manage Serial Numbers, Manage Profit Center Hierarchy.

## **Reconciliation & Cut-Over**

- Python-driven variance checks against legacy snapshots with CFO-level reporting.
- Reusable simulation scenarios to stress-test reconciliation rules and cut-over timing.

## **Success Track Record**

- Four successful S/4HANA go-lives completed.
- Industry exposure across Automotive, Aerospace, Media & Publishing, and Energy & Utilities.