

Philip Saur

SAP BW & Native HANA Developer

Contact

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Project Overview: <http://saur.tech/projects.pdf>

Professional Summary

SAP certified HANA developer with 9 years of experience in SQL, SAP implementation, ERP systems & BI. Architect and developer on various SQL / ERP projects with focus on data integration, reporting, storage, performance and security. Motivated to develop solutions closely with end users and find a better way of doing things. Effective in collaborative team environments where sharing knowledge and continuous learning are encouraged. Result-oriented problem solver with strong analytical skills.

Skills

SQL Modelling	SAP Native HANA	Linux/Unix
Data Warehouse	Python	IFRS 17 & FR2052a
SAP BW		

Work Experience

- J&J USA
BW & HANA Developer 04/2023 – current
 - BW Support
 - Project Development
- Cisco USA
SQL Developer 02/2023 – 03/2023
 - Migrated and optimized Teradata DML to BigQuery
 - Extracted ETL jobs from Informatica and converted to dbt models,
 - Used Python to automate processes and visualize dependencies
- HDI Germany and USA
Technical Lead Native HANA & Reporting 03/2020 – 11/2022
 - Developed a reporting system on native HANA to generate balances and other metrics from multiple source systems with over 100 million records per month using SQL, Calculation Views, Stored Procedures, Analytical Privileges, SDI/SDA, history tables, partitioning and change data capture (CDC) as well as slowly changing dimensions (SDC)
 - Worked closely with end users and developed business logic, defined test cases, error detection
 - Successfully enhanced performance, data flow and storage optimizations with hints, execution plans
 - Built reports on SAP BusinessObjects including Analysis for Office, WebI and PowerBI
- Quadrox Walldorf, Germany
SAP HANA & BW Consultant 10/2018 – 03/2020

Worked on multiple projects as a supervisor, on teams and as the only technical perspective.

 - SAP BW 7.5 / Netweaver: Ticket support coding ABAP export transformations, BW Hierarchies, generating Lumira reports
 - BW4/HANA support working with HCPR, aDSO, OData, extractors
 - Implementation of a new product to visualize an optimization plan on native HANA supplying an UI5 front-end. The basic concepts were: SAP BW on HANA, BW Hierarchies, AMDP transformation routines, connecting HCPR through OData, data provisioning through SDA, performance analysis using PlanViz, hints and execution plans

- Developed the pdf-print solution for the front end, installed and deployed wkhtml2pdf on SUSE Linux in a Docker container. Merged of the following components: Docker container, Python & Bash, SUSE Linux, Apache & PHP

- BB&T

Winston-Salem, NC

SAP HANA Developer & BPC Consultant

03/2014 – 06/2018

- SAP BPC 10: Full life-cycle of an SAP BPC (Planning) implementation, where I implemented BPC models, translated Business Logic into MDX formulas, built Business Process Flows and reports in Excel with the EPM plugin
- Native HANA Development: Liquidity Risk Management implementation in which I developed Calculation Views, Table Functions, Stored Procedures on HANA
- SAP BPC 11 embedded, BW/4HANA: Creation of a BW4/HANA infrastructure (aDSO, CompositeProvider, Aggregation levels, Queries), Integration into the WebUI of BPC 11, BPF (Business Process Flows), Analysis for Office, Creation of test data

Education

- Ruprecht-Karls-University

Heidelberg, Germany

Physics, Diploma (equivalent to a Master's Degree)

2006 – 2013

- University of Kentucky

Lexington, KY

Foreign Year

2009 – 2010
