

Laurens Deprost

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Visionary Developer & SAP Consultant

Summary

As an independent technical SAP consultant, I analyze functional requirements and turn them into a technical reality. Mainly, I work with ABAP, several JavaScript frameworks like SAP UI5 and SAP Gateway. Furthermore, I also have functional experience with various SAP modules. As a software engineer, I am passionate about full-stack development. My experience includes custom developments in SAP S4HANA and (mobile) web applications using SAP UI5. My vision for the future is to continue designing and building custom SAP solutions to grow as a developer and solution architect.

Knowledge summary

Project roles	<ul style="list-style-type: none">✓ ABAP developer✓ Full stack development consultant✓ Trainer✓ Team lead
Specialisation	<ul style="list-style-type: none">✓ ABAP OO✓ ABAP on HANA✓ Gateway✓ UI5✓ React JS
SAP knowledge	Fiori Launchpad, S/4HANA, SAP FI, SAP HANA, SAP WM Development tools: ABAP Editor, SAP Web IDE, Business Application Studio, Eclipse, Visual Studio Code
Non-SAP knowledge	Programming languages: Javascript, Node.js, Android SDK, React, SQL Methodologies: Agile, SCRUM, Design thinking

Languages

Dutch	Mother tongue
English	Very Good
French	Good

Education

2017 – 2017	SAP Analyst-Developer VDAB / Cevora / Flexso (Heverlee)
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Certifications

2020	SAP Certified Development Associate - SAP Cloud Platform
2020	Certified ScrumMaster (CSM)
2019	SAP Certified Development Associate - ABAP with SAP NetWeaver 7.50
2019	SAP Certified Development Associate - SAP Fiori Application Developer
2019	SAP Certified Development Specialist - ABAP for SAP HANA 2.0
2019	Digital Transformation

Additional courses

2019	Key Technical Topics in a System Conversion to SAP S/4HANA
2019	Design Thinking and Challenge Management
2019	Build Mobile Applications with SAP Cloud Platform Mobile Services
2019	Information Security Management in a Nutshell
2019	Evolved Web Apps with SAPUI5
2019	SAP Cloud Platform Essentials
2019	System Conversion to SAP S/4HANA
2019	Software Development on SAP HANA
2019	Relational Databases

Professional experience

Ajinomoto Omnichem - Barcode Phase 2

10/2019 - Present

Project role	Solution architect, Technical lead
Technologies	ABAP OO, Gateway, CDS, Fiori, S/4HANA 1809, UI5

The Barcode Phase 2 is the next step in Ajinomoto's vision to further automate their operations using the capabilities of S/4HANA. After the implementation of the scanner solution in the Warehouses, this project designs, realises and deploys a new scanning app on a Windows 10 Tablet, that will be used in the Production operations. The objectives are to replace existing paper and input steps by a scanning solution that can both ensure the strict GmP compliancy requirements but also make these mandatory steps considerably more efficient. Different GxP Compliant Apps are implemented for the control, consume and produce phases of the production steps.

Personal Responsibilities & Achievements

- ✓ Technical analysis & solution architecture for five different custom mobile Fiori applications
- ✓ Align team of front-end & back-end developers
- ✓ Oversee mobile application development
- ✓ Front-end development in SAP UI5
- ✓ Development of gateway services and back-end functionality in object-oriented ABAP

Colruyt – Colibris, Support & SAP Service Center

12/2018 - Present

Project role	Backend development consultant
Technologies	ABAP on HANA, ABAP OO, BADI, CDS, iDoc, S/4HANA

The Colibris program aims to support the realization of the strategic goals of the Colruyt Financial Services by providing a next-gen finance platform with both reduced complexity and increased integration possibilities with other legacy systems. When Colruyt Group's IT department started the switch to a service-oriented organization, Colruyt Group started an SAP Service Center to coordinate all activities related to its SAP landscape.

Personal Responsibilities & Achievements

- ✓ Technical analysis and advising on solution architecture based on functional requirements
- ✓ Development of interfaces between SAP- and other information systems
- ✓ Development of reports, enhancements and ABAP classes
- ✓ Upgrade project: upgrade multiple systems from S/4HANA 1610 to S/4HANA 1909
- ✓ Advising on solution architecture redesign based on evolving solutions landscape
- ✓ Tracing and optimizing performance issues in older components
- ✓ Assist in go-live and providing technical support after go-live of different projects
- ✓ Assist in roll-out of service oriented 'Service Center SAP' component within the company

VDAB - SAP Analyst-Programmer

01/2018 - Present

Project role	Teacher
Technologies	ABAP

As a preferred partner of both Cevora, VDAB and SAP Education, Flexso organizes a 3-month training program in SAP NetWeaver Development. This training covers development in ABAP and an introduction to the most important SAP modules.

Personal Responsibilities & Achievements

- ✓ Teaching courses on SAP development concepts and ABAP programming
- ✓ Mentoring students concerning technical assignments and preparation of their thesis

Flexso - Fast Tracks

01/2018 - Present

Project role	Project Coordinator, Teacher
Technologies	ABAP, Fiori, Fiori Elements, UI5, Web Technology

Internal knowledge sharing is driven using specific focus groups, called "Fast Tracks". These focus groups organize knowledge sharing sessions, and training sessions.

Personal responsibilities & achievements

- ✓ from 2020: coordination of the Web Fast Track: focus group for all things related to web technologies
- ✓ Preparation of learning materials
- ✓ Preparing presentations and workshops on technical SAP topics (ABAP, UI5, Gateway)

Lotus Bakeries - Animal Feed Application

04/2020 - 04/2020

Project role	Technical Lead & Analysis
Technologies	ABAP OO, Fiori, Fiori Launchpad, UI5

A custom Fiori application was built to allow for the full traceability needed for animal feed, a by-product of some of Lotus' pastries, on container level.

Personal responsibilities & achievements

- ✓ Development of a custom Fiori Launchpad application in SAP UI5
- ✓ Development of the underlying gateway service and back-end functionality in object-oriented ABAP

Lotus Bakeries - Transport Applications

01/2020 - 03/2020

Project role	Technical lead
Technologies	ABAP OO, Fiori, S/4HANA, UI5

Request and change transports to their shipment partners in a simple, structured matter. While standard SAP shipments are used for customer transports, custom Fiori transport apps are developed for managing internal transports:

Personal responsibilities & achievements

- ✓ An application for creating transport requests, Technical Analysis, Custom Fiori Launchpad App Development
- ✓ An application for auditing, changing or canceling existing transport requests
- ✓ Development of the underlying gateway services and back-end functionality in object-oriented ABAP

Hogeschool Gent - Business Software

10/2018 - 10/2019

Project role	Teacher
Technologies	ABAP, ABAP Editor, SAP NetWeaver

University College Ghent/Hogeschool Gent has chosen Flexso as their "partner of choice" for training the IT specialists of tomorrow. Students opting to specialize in business IT dive into all things SAP in the course 'Business Software'. Flexso takes care of lessons, hands-on exercises and assignments providing the students with unique insights on technical SAP development.

Personal Responsibilities & Achievements

- ✓ Teach students on SAP basics and technical SAP development (ABAP, ABAP Dictionary, ABAP Workbench)

Lotus Bakeries - Waste Management

04/2019 - 07/2019

Project role	Full stack developer
Technologies	ABAP OO, Gateway, SAP Web IDE, UI5

During the production process, the customer has to manage the waste in order to analyze how they can optimize production flow. Before, this was done using excel. Lotus Bakeries now wants to improve this by building a custom SAPUI5 application, and further integrate the data into their SAP system, more specific the PP module.

Personal responsibilities & achievements

- ✓ Development of custom Fiori Launchpad applications in SAP UI5
- ✓ Development of gateway service and back-end functionality
- ✓ Customization of standard Fiori theme to better adhere to the customer's corporate identity

Ajinomoto Omnicem - S/4HANA Conversion

01/2019 - 04/2019

Project role	Backend development consultant
Technologies	ABAP on HANA, ABAP OO, S/4HANA 1809

Ajinomoto OmniChem is a leading and global producer of active ingredients for the pharmaceutical industry. As a long time, user of SAP ERP software, Ajinomoto wants to be ready for future challenges and therefore decided to convert their SAP ECC solution towards S/4HANA 1809. The project consisted in a full conversion covering a large scope of modules from Finance and controlling, sales, procurement, production and warehousing.

Personal responsibilities & achievements

- ✓ Assist in technical system conversion
- ✓ Conversion of custom ABAP code for HANA & S/4HANA
- ✓ Technical analysis, setup and configuration of standard SAP Fiori applications

Project role	Full stack developer
Technologies	ABAP OO, Fiori, Gateway, SAP Cloud Platform, SAP MM, SAP WM, UI5

Omnichem has opted to implement the concept of handling units in SAP WM.

This implementation coupled with tailor-made barcode scanning applications for warehouse operators, updated SAP transactions, and brand-new reporting tools encompass the Start2Scan Project.

The results are more streamlined supply-chain processes, a transparent, traceable flow of resources and of course happy end users and customers.

Personal responsibilities & achievements

- ✓ Development of mobile barcode scanning applications in SAPUI5 for use in warehouses
- ✓ Configuration and development of SAP Gateway services
- ✓ Development of new tools and cockpits for warehouse operations and reporting
- ✓ Development of enhancements & updates of existing logic for handling unit usage
- ✓ Refactoring and proofing part of existing ABAP codebase to optimize performance on HANA database

V!GO - SmartSeat

09/2017 - 11/2017

Project role	Backend development consultant
Technologies	ABAP OO, SAP Document Management System, SAP MM, SAP SD, XSLT: XML Transformations

The SmartSeat project's goal was to process the output of a new custom-built measuring device for wheelchair clients (the 'SmartSeat') in SAP, in order to optimize the end-to-end ordering process. The seat takes measurements and, after additional configuration of chosen custom options, results in an XML file containing order data (components, vendors, links to the relevant attachments etc). Flexso took care of all SAP logic for this project: transforming the XML data and adding the required components to SAP (Sales - and Purchase Order, uploading attachments to SAP DMS).

Personal responsibilities & achievements

- ✓ Validation, parsing & storing of device data in SAP
- ✓ Uploading of valid attachments to SAP DMS
- ✓ Emailing purchase orders with attachments to vendors
- ✓ Development of cockpit for uploading data, order follow-up and master data management