

Emmanuel FOISSARD

Senior Software Engineer
ABAP Developer

PERSONAL DATA

Date of birth : 8th April 1971
Nationality : French
Marital status : Married, four children

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EDUCATION

1994 **Diploma of Electrical Engineering in Control System**
ENSEM, Nancy, France. Electrical and Mechanical Engineering school.

1993 - 1994 **Electrical and Computer Engineering graduate studies**
University of Illinois at Urbana-Champaign, USA.

1991 - 1993 **Bachelor of Science in Electrical and Mechanical Engineering**
ENSEM, Nancy, France. Electrical and Mechanical Engineering school.

1988 - 1991 **Advanced maths and physics, preparatory classes**
Lycée M. Berthelot, St Maur, France.

1988 **Baccalauréat C (Equivalent to A level in maths, physics, chemistry, biology)**
Lycée Louise Michel, Champigny, France

LANGUAGES

French : Mother tongue
English : Fluent
Dutch : Fluent
Spanish : Fair

SKILLS (summary)

Quick to adapt, with proven self-training ability, enjoy challenging positions and responsibilities. With a strong background in computer engineering, 15 years spent on several projects strengthened an experience that includes :

- SAP R/3 – Modules QM, MM, PP, SD, HR, FI, CRM
- SAP R/3 – Data Dictionary
- SAP R/3 – ABAP, User Exits, BAdIs, Enhancements, OO, WebDynpro
- SAP R/3 – SAPscript, SmartForms
- SAP R/3 – BAPIs, IDocs, ALE, LSMW, Batch Inputs, XI interfaces
- Full software life cycle
- Object Oriented modelling
- Good personal skills

DETAILED SKILLS

SAP R/3 MODULES

SD, MM, PP, QM, FICO, CRM, FICO

SAP R/3 – DATA DICTIONARY

Tables
Views
Structures
Search helps

SAP R/3 – ABAP

Reporting (list, ALV)
Dialog programming
Screen painter
Function modules
Customer exits, BADIs, Enhancements
Batch inputs
Object Oriented programming
WebDynpro
Debugging

SAP R/3 – INTERFACES

SAPscript, SmartForms
LSMW
BAPIs
IDOC
ALE interfaces
XI interfaces

OTHER PROGRAMMING LANGUAGES

Visual Basic 6.0, 7.0
Visual FoxPro 6.0, 5.0
COM programming
C programming
ASP, HTML, DHTML,
VB script, Java script
Crystal Report

SOFTWARE DEVELOPMENT

Object Oriented modelling
Database design
Graphical User Interface design
Full software life cycle (design, implementation, testing and debugging)
Technical documentation

PERSONAL SKILLS

Good personal skills
Good inter-cultural skills
Proven self training ability
Problem solver
Reliable
Efficient

PROFESSIONAL EXPERIENCE (summary)

01/10/08 – To date TATA Steel Europe (IJmuiden, NL)

Project : Technical and configuration support to the steel production lines
Tools : ABAP, PP, PI, MM, SD, XI, LSMW, IDoc, SmartForms, WebDynpro.

04/09/06 – 31/05/08 BOSE European Management Services (Edam, NL)

Project : Company structure update
Tools : ABAP, SD, MM, CRM, LSMW, IDoc, SmartForms.

31/05/06 – 31/07/06 COGNIS Germany (Düsseldorf, DE)

Project : Reporting tools, Mass change tools
Tools : ABAP, MM, PP, QM.

15/02/06 – 31/05/06 SAP Netherlands for KPN (Den Haag, NL)

Project : New product database
Tools : ABAP, Object Modelling, MM,SD.

01/02/06 – 15/02/06 Solvay Pharmaceuticals (Weesp, NL)

Project : Code review
Tools : ABAP, MM.

16/09/05 – 31/12/05 COGNIS America (Cincinnati, US)

Project : Master data migration
Tools : ABAP, LSMW, MM.

01/01/03 – 31/01/06 COGNIS Germany (Düsseldorf, DE)

Project : SAP R/3 46C implementation
Tools : ABAP, MM, PP, QM.

03/09/01 – 31/12/02 COGNIS France (Ponthierry, FR-77)

Project : SAP R/3 46B implementation
Tools : SAPscript, ABAP, SD, FI, MM, PP, QM.

17/04/00 - 31/03/01 ARINSO (Rotterdam, NL)

Project : SAP R/3 46C implementation for ING pension services
Tools : SAP HR, ABAP, SAPscript, ITS, web development

01/03/97 - 31/03/00 Exact Software (Delft, NL)

Project : New ERP product line
Tools : Visual FoxPro, SQL

01/06/95 - 31/01/97 Two Way TV (London, UK)

Project : Interactive TV games.
Tools : C, C++, M68000

01/05/95 - 30/05/95 Alten Ltd (London, UK)

Project : New network setup
Tools : Novel NetWare 2.2 and 3.12

01/02/95 - 30/04/95 Square Moves (London, UK)

Project : Sales management software
Tools : Visual basic under Excel

01/10/94 - 28/02/95 Alten Ltd (London, UK)

Project : Commercial database
Tools : Omnis 5, Novell NetWare 2.2 & 3.12, Ethernet

01/10/93 - 31/06/94 University of Illinois Hybrid Electric Vehicle Project (Champaign, IL, USA)

Project : Development of a Hybrid Electric Vehicle
Tools : C, UNIX

DETAILED PROFESSIONAL EXPERIENCE

01/10/08 – To date TATA Steel Europe (IJmuiden, NL)

Project : Technical and configuration support to the steel production lines
Tools : ABAP, PP, PI, MM, SD, XI, LSMW, IDoc, SmartForms, WebDynpro.

Tata Steel operates multiple SAP systems from IJmuiden to support its purchase, production and sales activities across Europe. Hired to provide programming and customisation support to one of the production plant based in the UK.

In PP and QM, mainly work on the many specific programs and interfaces that run the production lines. This ranges from the simple reports to interactive reports with ALV objects. From the simple IDocs to the handling of the PPPI process control or XI messages. Production and quality data is recorded across the recipes, inspection lots, quality notifications, and batch classifications.

In SD and MM, maintain the multiple LSMW's, UserExits, BAdI's, Enhancements and SmartForms developed to support the steel products definitions, sales and distribution processes. Maintain also the critical sales reports used to monitor the customer orders against the production levels as to optimise the delivery time to the end customers.

With the experience gained from the field, now also design and develop new applications to encapsulate the multiple daily activities of the users in the field. The end users return much positive feedback from the look and feel achieved by using the new ALV objects or WebDynpro, and from the constant attention paid to the performances.

In such a complex environment, functional and technical specifications documentation is a must. So each modification or development is properly documented.

04/09/06 – 31/05/08 BOSE European Management Services (Edam, NL)

Project : Company structure update
Tools : ABAP, SD, MM, CRM, LSMW, IDoc, SmartForms.

The US Bose headquarters decided to merge all of its ERP systems across the world into a single SAP system. Worked with the European team to implement the new blueprints.

In SD, updated the relevant sales programs to reflect the new organizational structure. Among others were the print programs and the in-house contract management tools.

In MM, enhanced the standard stock availability check and the order rescheduling to Bose's specific split valuation of their European and non-European stocks.

In CRM, improved the performances of several data extraction programs. Designed a BAdI updated index table for the customer service monitor. Wrote a tool to import business partner data from multiple format input files through IDocs, LSMW, an ALV interactive report and several standard BAPIs. Redesigned the confirmation emails in SmartForms for HTML output.

31/05/06 – 31/07/06 COGNIS Germany (Düsseldorf, DE)

Project : Reporting tools, Mass change tools
Tools : ABAP, MM, PP, QM.

Cognis worked with a number of specific Excel reports compiled every month from an export of all their QM data. Implemented these reports directly in SAP. Build interactive ALV lists with an expandable tree structures for navigation. These reports can also be used as mass change tools that allow the user to modify QM data across a selection of entries by the single click of a button.

DETAILED PROFESSIONAL EXPERIENCE

15/02/06 – 31/05/06 SAP Netherlands (Den Haag, NL)

Project : New product database
Tools : ABAP, ALE/IDoc, Object Modelling, MM,SD.

SAP was in charge of developing the new commercial database of KPN : the Dutch national telecom company. The commercial products were modelled across the MM, SD and PP modules. Developed a generic class to encapsulate all KPN products with such data as their prices, their components and other characteristics. Developed a simple set of Get/Set/Save methods to enable online product management via a BSP application. Also developed a BAPI-ALE interface to send out the product data to third party applications.

01/02/06 – 15/02/06 Solvay Pharmaceuticals (Weesp, NL)

Project : Code review
Tools : ABAP, MM.

Checked all new developments against Solvay's internal programming guidelines and naming conventions ahead of the global roll out.

01/09/05 – 31/12/05 COGNIS America (Cincinnati, US)

Project : Master data migration
Tools : ABAP, LSMW, MM.

Cognis America merged one of its division with a new acquisition. Wrote the programs to export the needed material master data from the original division. Designed the generic LSMW projects to convert and import the data into the new division.

01/01/03 – 31/01/06 COGNIS Germany (Düsseldorf, DE)

Project : SAP R/3 46C implementation
Tools : ABAP, MM, PP, QM, SD.

In QM, in charge of writing about 30 batch input programs (BDC) necessary to import all master data, from inspection methods and characteristics to inspection plans and certificate profiles.

In MM and PP, developed very specific solutions for batch number assignment, batch classification and batch determination logics in process orders and goods movements. Made maximum use of the available customer exits. Also fixed and enhanced production planning and stocks management tools.

In WM, designed and implemented a comprehensive batch consolidation program to automatically release, group or lock mixed stocks in the storage bins. Consolidation requirements spread over continuous production, batch production, and handling of stock release after inspection.

In SD, enhanced the SAP rescheduling functionality. Encapsulated the standard SAP program to work with sales orders, transfer orders, and purchase requisitions. Delivered a new major rescheduling tool for the key users in distribution.

DETAILED PROFESSIONAL EXPERIENCE

03/09/01 – 31/12/02 COGNIS France (Ponthierry, FR-77)

Project : SAP R/3 46B implementation
Tools : SAPscript, ABAP, SD, FI, MM, PP, QM.

Cognis France buys, produces and sells chemicals to the big industry. From production to sales, they implemented their own structure on the existing SAP system of their mother company : Henkel.

In SAPscript, redesigned all existing German forms and ABAP print programs to produce outputs that fit Cognis France requirements. This task included the following forms : sales orders, quotations, price lists, invoices, credit/debit notes, production orders, certificates of analysis, delivery notes, transport orders, purchase orders.

In QM, developed a specific set of function modules to select inspection results for the certificates of analysis. Unlike the SAP standards, these new functions search for results down the batch history, and across multiple plants.

In SD, produced a set of tools for the sales department. Created several interactive ABAP reports that display end-user specific sales data over a period of time.

In MM, enhanced the buyer's negotiation sheet. Developed a specific ABAP subroutine that bypasses the standard SAP logic to match Cognis' requirements. Customised the negotiation sheet accordingly.

17/04/00 - 31/03/01 ARINSO (Rotterdam, NL)

Project : SAP R/3 46C implementation for ING pension services
Tools : SAP HR, ABAP, SAPscript, ITS, web development

The ING bank chose SAP to implement their new pension administration services over a combination of the HR and FI modules. Clients can set up different pensions for their employees and the general administration is done through the business workflow.

Implemented the SAPscript correspondence letters required for the workflow, retrieving key infotype data in ABAP. Customized the corresponding HR print programs.

Developed extensions in ABAP to interface financial and control to the pension module.

Converted several SAP transactions to SAP-Business-HTML templates for the Internet Transaction Server (ITS). Further developed these transactions on the internet.

01/03/97 – 31/03/00 Exact Software (Delft, NL)

Project : New ERP product line
Tools : Visual FoxPro, SQL

Exact Software's new Enterprise Resource Planning (ERP) offers various modules such as financial accounting, logistic, project management, banking and so on... The software is based on a 3-tier model, developed over 4 international sites using Visual FoxPro (VFP), one of Microsoft's object oriented programming language with build-in database access.

First converted into VFP a balance analysis module written in C then moved to Belgium to improve the working collaboration with the second major development team in Brussels. Back in Holland, joined the system team responsible for developing and maintaining the program's framework. Played a major role in :

- Translation tool and procedures
- Software configuration system
- Database update
- Creation of an import wizard
- Development of a programmer-flexible wizard

DETAILED PROFESSIONAL EXPERIENCE

01/06/95 - 31/01/97 Two Way TV (London, UK)

Project : Interactive TV games.
Tools : C, C++, M68000

Two Way TV is an interactive system that allows users to play with their favourite TV shows. It broadcasts its data over the Teletext to a M68000 home based decoder. Users can then interact through on screen graphics and a game remote control.

Wrote a development tool in C. Setup a complete online help for the game scenario editor. Moved to Quality Assurance, testing and debugging both the decoder operating system and the broadcast software of the central computer system.

Had a permanent contact with the heads of QA, beta-testing, game coding and broadcast to keep up with the current problems and provide them with technical support. Was later involved in defining a better development strategy ranging from information flow, documentation standards and redesign of the debugging code.

01/05/95 - 30/05/95 Alten Ltd (London, UK)

Project : New network setup
Tools : Novel NetWare 2.2 and 3.12

Set up and managed the company new network architecture from hardware to software. To meet up with the company requirements and tight budget, it had to combine Windows for Workgroups and Novell 3.12

01/02/95 - 30/04/95 Square Moves (London, UK)

Project : Sales management software
Tools : Visual basic under Excel

Close and friendly relationships with both the staff and the management allowed a quick understanding of the company's business and structure. This assured a continuous activity during the system migration. Was then involved in the design of a new customer service organisation for better efficiency.

First person to operate the new client database software. Had to debug, add vital features and tune up the application. Finally secured the data transfer, started the new system live and trained permanent staff to it.

01/10/94 - 28/02/95 Alten Ltd (London, UK)

Project : Commercial database
Tools : Omnis 5, Novell NetWare 2.2 & 3.12, Ethernet

First studied the company's commercial software and what it was used for, then closely helped the management in writing the new specifications for a more efficient use of the company's database. Advised them on technical issues and feasibility.

Design of the graphical user interface, analysis of the data structure, data security, data transfer and writing the user manual were all part of this project.

01/10/93 - 31/06/94 University of Illinois Hybrid Electric Vehicle Project (Champaign, IL, USA)

Project : Development of a Hybrid Electric Vehicle
Tools : C, UNIX

About 200 people were involved and working as 8 different teams. The control strategy team had to design the digital torque control of the electric motor to emulate that of a regular combustion engine. Realized a complete modelling of the electric motor, then determined the best approach to completing the performance requirements, designed and implemented the digital torque controller software.