



## ITS STRENGTHS

### Enterprise Architecture

- Database architecture
- Audit in SI architecture
- Solution architecture consulting

### Microsoft Azure Specifics

- Azure Web App
- Azure Container Registry and Azure Container Instances
- Docker, Kubernetes
- DevOps, VSTS, TFS, GIT

## AWARD MICROSOFT MOST VALUABLE PROFESSIONAL (MVP)

**2018 - 2019 Microsoft MVP Developer Technologies**

**2019 - 2020 Microsoft MVP Developer Technologies**

**2020 - 2021 Microsoft MVP Developer Technologies**

## BOOKS AUTHOR

**2019 - Aide-Mémoire C++ (DUNOD) - on sale since 06/07/2020**

**2020 - Aide-Mémoire C#/NET (DUNOD) - on sale 06/01/2021**

**2020 - Pro C++-Performance and Optimization (Apress)- work in progress**

## CERTIFICATIONS - TRAINING

● **Microsoft France (2020)**

AZ-900 Microsoft Azure Fundamentals Training  
AZ-204 Developing Solutions for Microsoft Azure Training

● **Microsoft France (2018)**

DevOps and Azure Docker and Kubernetes Workshops Training

● **Microsoft US (2018)**

Azure CosmosDB API Review in NDA Microsoft

● **Microsoft US (2018)**

Certification 70-483 Programming C

● **Microsoft (2011)**

Certification 70-553 MCTS .NET 2.0 WinForms and Web Forms

● **Microsoft (2005)**

Certification Cursus MCSD.NET C++ SQL Server ASP.NET Web Services and WinForms

● **Microsoft (1999)**

Certification C++ Distributed Applications, ATL and COM, DCOM

● **Microsoft (1998)**

Certification Cursus MCSD Windows Architecture C++ MFC Visual Basic

## EDUCATION

- 1992 Bac E
- 1994 DUT Software Engineering - University of Burgundy
- 1995 Software Engineering - University of Burgundy (Bac-3)

## TECHNICAL SKILLS

Tools	Visual Studio, Visual C++, Visual Studio Code
Languages	SQL, VBA, Visual Basic, C, C#, C++
Framework	Microsoft NET Framework, MFC, Boost
SGBD/R	Oracle, SQL Server
Systems / Network	Windows Server, Linux, Azure
Cloud	Azure, AKS, ACR, ACI, IoT, Kubernetes, Docker
Methods	Agile

### Software Engineering and Applicative Architecture

- Architecture and Solution Modeling
- Audit
- Net C# - Consulting and Development, C++
- Advanced debugging & Memory Dump Debugging

## FUNCTIONAL SKILLS

### Banking and Finance

- Retail banking
- Market Finance and Financial Products Bonds

## PROFESSIONAL EXPERIENCE

From 01/2020  
At 10/2020

**INFENY - Technical Directorate - Paris**

Architect, Net Domain Leader and Azure

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Participation in the creation of commercial offers.

Themes:

- NET C# custom development and auditing solutions
- Modernizing Applications to Azure

Creating technical content:

- White-Paper on Kubernetes on Azure (AKS), ACR, ACI, Docker
- Technical Articles for Program Magazine
- Blog posts for [blog.infeeny.com](http://blog.infeeny.com) on NET, Azure, Windows and Linux technologies.

01/2020  
As of 05/2020

**DUNOD - Book "Aide-Mémoire C#/NET" - Paris**

Author

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Writing a technical book on the C# / .NET

Themes:

- The CLR . NT
  - The C#Language
  - The .NET Framework (BCL)
  - .NET Core development
- Windows 10 Modern Development

10//2019  
As of 12/2019

**DUNOD - Book "Aide-Mémoire C++" - Paris**

Author

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Writing a technical work on the modern C-C++ (C++-11, 14, 17, 20).

Themes:

- The C++ language
- The Standard STL Bookstore

From 03/2019  
As of 10/2019

**Societe Generale - Retail Bank - Paris**

Developer C-C++ Unix/Linux

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Context

Corrections and developments on the data transformation system (custom ETL) of the ALM (Liquidities) Banque foreign details team.

Ksh shell scripts and C++console tools. CSV file reading and business and DATA transformations.

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Process documentation.

## Responsibilities

- Architect
- Developer

## Available

- Solution deployed on Unix
- UNIT tests CPP Unit Tests
- Implementation of Git

## Technical and functional environment

- Unix IBM AIX
- Ksh and C
- Eclipse CDT, Git

10//2018  
At 02/2019

## WENDEL - Finance - Paris

C# Solutions Architect

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### Context

Creating a shared calendar ASP.NET MVC in Azure as a Web App. Retrieving information in Office 365 via EXWS Managed API in C. View calendar items via an HTML/JS FullCalendar component.

### Responsibilities

- Architect
- Developer

### Available

- Solution deployed on Azure

### Technical and functional environment

Aure Web App

- Office 365
- Visual Studio 2017, C

06/2018

## POMA - Industry - Grenoble

Developer C++Windows

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### Context

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Migration of strategic calculations VBA in C++C for the positioning of cable car drumsticks.  
Reducing the computational time from 24 hours to 15 minutes via Windows 64-bit C++64.

Responsibilities

-Architect Developer

Technical and functional environment

-Windows, ISO, STL, VBA, XML

## MICROSOFT AZURE SHOWCASE IN CIR FOR NEOS-SDI

Multi-platform NoSQL solution for MarketPlace Azure

Jan 2018 - Sept 2018

Jan 2018 - Sept  
2018

**Microsoft France - IT - Paris**

Developer C++ and C# NET

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Multi-platform NoSQL solution for MarketPlace Azure

SGBD Kode and NoSQL Engine

Expertise C++Windows / CIR Project

KoDe: Retrieving code from a SGBD and upgrading the build vs. Makefile Linux.

Code extraction for the patented data structure.

Project redesign scenario starting on the NoSQL OpenLDAP-MDB basis

OpenLDAP-LMDB Windows Portage

HTTP REST JSON via C++REST SDK (autonomous web server)

Creation of bindings C# .NET

Running in the form of a Docker container

NoSQL Redis engine study

Creation in Azure Container Registry

Running in Azure Container Instance

Technologies

Visual Studio 17, C#, ODBC, Win32, Linux, NoSQL, LMDB, Redis, C++REST SDK, Docker, C++, Azure

Oct 2017 - Dec  
2017

**NEOS-SDI - IT - Paris**

Developer C# NET

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Developments .NET to package

Project

Senior Consultant on Microsoft Technologies:

BackOffice ARDIAN: Development of Web Services and SQL Server database maj (tables, indexes, stored procedures).

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Sydev: 5-d Advisory Mission on C++ and MFC and Windows APIs

Deloitte: Development system to capture the activity of the connected user. Logon/Logoff management and user reminder on time overruns (Windows Service, WCF, NotifyApp WPF)

Technologies

Visual Studio 15/17, C#, Dapper, Auto-Mapper, C, Win32, MFC, WCF, WPF, SQL Server

Mar 2017 -  
August 2017

**Microsoft France - IT - Paris**

Premier Support Engineer

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Premium Field Engineer Senior

Project

PFE Senior: Support for customers with a Premier support contract

Debugging missions around Windows technologies and .NET Framework

Code and solutions audit

Code review with specialized tools

Transact-SQL, C#, EF, Oracle

Technologies

Visual Studio 2013/15/17, C#, Win32, MFC, C++, WCF, WinForms, WebForms, EF, SQL Server

May 2018 - Feb  
2017

**CPOR Currencies - Finance - Paris**

Developer C# NET

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Trading application C# NET

Project

Creating a Grid financial application for a trader

Technical architecture of the application (WCF client-server and SQL Server)

Thread and timer management

UI design (User Interface) with DataGridViews

Creating a mechanism of formulas calculated in C #

Technologies

Windows 10, Visual Studio 2015, C#, WCF, WinForms, SQL Server

June 2015 - July  
2015

**IDF Caisse d'Épargne - Bank - Paris**

Microsoft Architect

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Project

E.COM v2

Choose a SharePoint 2013 platform suitable for ITCE

Analysis of the Needs and SFDs of the Communication Service (site E.COM v2)

Analysis of the Planet intranet portal

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Analysis of the DAT of two existing 2013 SharePoint platforms at ITCE  
Evangelism around best practices on SharePoint developments and Javascript

Technologies

SharePoint 2013, C#, Javascript, SharePoint Client Side Object Model SDK

Feb 2015 - June  
2015

**CDiscount - e-commerce - Bordeaux**

Developer C# NET

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Project

Pickup Point

Relay point management for CDIscount customers

Audit of ALM code and processes in Rabat (1 week)

Development of the WCF Web Service for User Management for Relay Points

Integration and installation of the service in CDIscount's ALM environment via TFS

Managing database configuration via internal (complex) tools

Technologies

.NET 4.0, Framework Core (internal), C#, ASP.NET MVC, ADO.NET, SQL Server, IIS, WCF, TFS,  
ASP.NET Membership

Nov 2014 - Feb  
2015

**GDF Suez - Energy - Paris**

Developer C# NET

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Project

Nova NSA

Changes in gas optimization applications

Technical supervision of the development team (5p)

Database modeling on gas and computational engine data. Convergence of StarShip and Nova models.

Stabilization, definition of architectural choices and code reviews

Management of specific computational engines and external data

Design of COM components for the VBA Excel app

Technologies

C#, .NET 4.0, Enterprise Library, Unity, NHibernate, ADO.NET, SQL Server, IIS, WCF, TFS, VBA,  
Visual Basic, Interop COM

Sep 2013 - Nov  
2013

**Euroclear - Finance - Paris**

Developer C/C++ Unix

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Project

E2A T2S

Code audit and evolution on the architecture of a message bus on AIX

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Middleware Source C Code Audit  
Architectural study on SWIFT T2S developments for the BDF  
Study on XA scalability and transactional support

Technologies  
C ANSI, Oracle, C++, Pro-C, AIX, WebSphere MQ, WebSphere Transformation Extender

June 2011 -  
June 2013

**Banque de France - Bank - Paris**

Microsoft Architect

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SATIS STUDY OFFICE

Project  
Banking Solutions Architect of the Business Bureau of Studies  
Completion of technical architecture files  
Exploitation of the BDF service catalogue  
Detailed architectures under Visio and Aris It Designer  
Production of PoCs and Workshops on architectural themes

Technologies  
Word, Visio, ARIS IT Designer, Dynamics CRM

Mar 2011 - June  
2011

**Dexia - Bank Finance - Paris**

Developer C# NET

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Project  
Support for .NET development teams  
Advanced debugging of ASP.NET sites  
Support for development teams C, .NET, SQL Server and IIS  
Management of the SVN repository

Technologies  
.NET, C#, SQL Server, IIS, SVN

Jan 2011 - Mar  
2011

**SNCF - Transport - Paris**

Developer C# NET

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Project  
Migration of ASP.NET applications for General Services  
Migration ASP.NET 1.1. around ASP.NET 3.5sp1

Technologies  
C#, .NET, ASP.NET, SQL Server, Enterprise Library



Cacib

Nov 2009 - Dec 2010

Project

Glory

Evolutions on the FO-BO reconciliation system

Stabilization of functional workflows, software bus and ETL

Development of a dedicated supervisory IHM

Improved ramp-up and performance

Migration of procedures stored CLR C in API

Technologies

C#, SQL Server, .NET 3.5, Windows Workflow Foundation, WCF, Enterprise Library, Unity,

IntelliMatch

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Sep 2009 - Oct  
2009

**SNCF - Transport - Paris**

Developer C# NET

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Project

Maintenance of .NET applications for General Services

Websites ASP.NET

Technologies

C#, .NET, ASP.NET, SQL Server, Enterprise Library

KODAK DENTAL SYSTEM

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Oct 2008 -  
August 2009

**Kodak Dental - Industry - Paris**

Developer C++Windows

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Project

Dicom

Windows-only C++Development

Evolutions of radiology applications to the DICOM standard

Management of JPEG2000 and TIFF formats, UTF8 support

Technologies

XML, SQLite, Visual C++, CCG, Cygwin, wxWidgets, iconv

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May 2008 - Sept  
2008

**PI Services - IT - Paris**

Busy position:

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Project  
POCs on SharePoint 2007  
Evolutions of a corporate portal (Telecom sector)  
'WebParts, C# features' and ASP.NET site integration

Technologies  
MOSS 2007, Sharepoint Designer, C#, Visual Studio, CSS, SQL Server

Sep 2006 - April  
2008

**Orange Business Services with Microsoft France - Telecom - Paris**

Developer C# NET

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Project  
HEXV2  
Migration Linux to Exchange Server  
Technical supervision of the development team (4p)  
Use of HMC solutions  
Integrating Black Berry services into the provisioning system

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Technologies  
C# ,.NET, Web Services, Active Directory, Exchange Server, Windows Server 2003, LDAP, Black  
Berry, Hosted Messaging and Collaboration

July 2006 - Sep  
2006

**Bouygues Telecom - Telecom - Paris**

Developer C# NET

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Project  
ISIS TF1-Mobile Universal-Mobile  
Evolution of mobile phone offerings (SMS, MMS)  
Technical supervision of the development team (3p)  
Reducing instability, inter-blocking and memory leaks

Technologies  
C/C++, Visual Studio, Corba, Windows Server, SQL Server  
Danone  
Apr 2006 - June 2006

Project  
Q4T  
Audit of a .NET SQL Server solution  
Audit of a mobile inventory management solution (WinCE)

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## Technologies

C#, .NET 2.0, Visual Studio, Multithreading, SQL Server, C/C, MFC, TCP/IP, PocketPC/Windows CE, Embedded VC

Apr 2006 - June 2006

## Danone - Industry - Paris

Developer C++ and C# NET

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### Project

Q4T

Audit of a .NET SQL Server solution

Audit of a mobile inventory management solution (WinCE)

### Technologies

C++, C#, .NET 2.0, Visual Studio, Multithreading, SQL Server, C/C, MFC, TCP/IP, PocketPC/Windows CE, Embedded VC

Oct 2005 - Apr 2006

## Total - Energy - Paris

Developer C# NET

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### Project

Tenga

Making a financial reporting tool

Technical supervision of the development team (3p)

Achieving the data model and data migration

WinForms Client and Crystal Report Reports

### Technologies

.NET 2.0, C#, Visual Studio, Oracle, Access, Crystal Report, Enterprise Library

Sep 2004 - Sep 2005

## Bnp Paribas - Finance - Paris

Developer C++

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### Project

CBSD

Centralization of financial data (Oracle)

Modeling the financial data centralization database

XML data exchanges via MQSeries and XML-RPC

Use of financial C/C bookstores and broker Tibco RdV

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### Technologies

Visual C++6, Windows 2000, MQSeries, XML RPC, XML, Xerces, Tibco Rendez-Vous, Oracle, Ingres, Sybase, AMC Designor

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Jan 2004 - Jan  
2008

**Presidency of the French Republic - Elysée - Gov - Paris**

Developer C++ Windows

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Project

Priam

Management of agency dispatches

Website with communication components to Linux

Technologies

Visual C++, Windows Server 2003, COM, ATL, ASP, IIS 6, Windows sockets, Linux, MySQL

May 2001 - May  
2003

**Societe Generale - Bank - Paris**

Developer C++ Windows

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Project

Maia

Migration of 2500 servers from VAX agencies to Windows NT

Stabilization of the URTA critical application (25,000 users)

Common components and services

Resolution of memory leaks with Bounds Checker

Technologies

Visual C++6, Windows NT, Win32, MFC, ATL, COM, SQL Server, IIS, Tuxedo, SNA Server

Jan 2001 - May  
2001

**Le Monde - Journal - Paris**

Developer C++ Windows

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Project

AutomateFlux

Module de communication sous Windows

Data Flow Recovery Service and IHM

Technologies

Visual C++6, Windows NT 4, Win32, MFC, ATL, COM, SQL Server 7.0, ODBC, Transact SQL

Jan 2000 - Dec  
2000

**UCB Paribas - Bank - Paris**

Developer C++ Windows

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Project

Fantasia

Developing a C++framework

'C++class design' for 3-thirds architecture

Technologies

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Visual C++5, Visual Basic, Windows NT 4, SQL Server 6.5, MTS, Win32, MFC, ADO, ATL, COM, SNA Server

Sep 1995 - Sept  
1997

## Banque Populaire - Bank - Dijon

Developer C++ Windows

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### Project

#### Popix

Migration of OS/2 agency servers to Windows NT 3.51

'Portage of OS/2 code in C to Win32 and C/C'

Communication with the IBM mainframe via LU6.2 and SNA Server

Making a customer website available (accounts, CB, transfers, RIB)

HTML Pages and MFC ISAPI DLL modules for IIS

Creating Visual Basic messaging forms for MS Mail

### Technologies

Windows NT 3.51, Windows 3.11, Visual Basic 3 and 5, Visual C - 1.5 and 5, Win32, MFC, IIS, ISAPI, Option Pack 4, SNA Server 2.11