minosoft

Pascal PINCHAURET-LAMOTHE

Software Developer
Développeur Logiciel

Architecture / Audit
Architecture / Audit

Windows Linux
C/C++ C# VB python
Qt Visual Studio .NET
DataBases SQL

30-years experienced

Freelance

Open to a permanent position *(CDI)*

on site and/or remote
sur site et/ou télétravail

👉 pascal-pinchauret.fr

Technics

CyberSecurity

Windows   Linux

C++

Qt

python

T-SQL   PL/SQL

SQL Server   ORACLE

MySQL

DBMS / *SGBDR*

Visual Studio

.NET — dot NET

C#
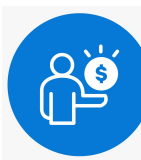
VB — Visual Basic

Project

doc & quality

architect

expert

cost

recruiter

project

support

Business

Bank   Trading

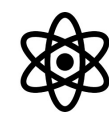Health / Medical

Electrics   Gas

Oil   Nuclear

Photo   3D

Chips   Signal

Metallurgy   Train

IT

Communications

Defense

I ♥ MATH — Maths   IA — AI - IA

✉ 37 chemin du Vieux Chêne
CS 50040, 38242 MEYLAN Cedex, FRANCE

☎ **(+33)** **(0)6 14 62 67 69**
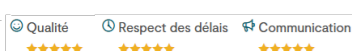
@ contact@pascal-pinchauret.fr

HISTORICAL

Period		Company	Business	Job *(detailed description on demand)*	Technologies
2025	1 M	SCHNEIDER ELECTRIC	Energy/Electrics	Expert, Developer, Windows	Visual C++, .NET, C#, Visual Studio 2022, InstallShield 2024, GitHub
2025		**Freelance Consultant**	**Software Architect / Developer**		**C/C++, Qt, SQL, python, .NET, C#, VB, GPO, Cyber, Windows, Linux**
2022	3 Y	Rolls-Royce/**FRAMATOME**/EDF	Energy/Nuclear	Architect, Tech Leader, Project Mgr	C/C++, Qt, python, .NET, C#, GPO, Cybersecurity, Linux, Windows
2020	2 Y	TEMENTO SYSTEMS	Electronics	Architect, Tech Leader, Project Mgr	Visual C++, Qt, python, PySide, Boards, JTAG, FPGA, Flash, BSDL, Git
2020	9 M	ORTHOTAXY	Health/Medical	Developer	Visual C++, Qt, Git, Agile/Scrum
2019	6 M	FRESENIUS	Health/medical	Developer	WPF, C#, C++, SVN, Agile/Scrum
	3 M	OROS	Noise & Vibration	Architect, Developer	Visual C++, MFC, Qt, C++ 11, UNICODE, TCP/IP, SVN, Agile/XP
2015	4 Y	GEG	Energy/Trading	Architect, Developer, Mathematics	Visual Studio, .NET, C#, WinForms, WCF, Java, T-SQL, SQL Server, SVN
2014	4 M	SCHNEIDER ELECTRIC	Energy/Electrics	Developer, Windows + Linux	Visual C++, .NET, CLI, Eclipse, gcc, Xerces, Enterprise Architect, SVN
2011	4 Y	OROS	Noise & Vibration	Architect, Developer	Visual C++, MFC, Qt, C++ 11, UNICODE, 64 bit, TCP/IP, SVN, Agile/XP
	4 M	SOFRADIR	Electronics/Data	Architect, Developer	.NET, Visual Basic 6, VB6, Web Services, Oracle, PL/SQL
	2 M	SUNTRUST 🇨🇭	Bank	Architect, Manager, Recruiter	.NET, VB.NET, ADO, mySQL
	3 M	KIS PhotoMe	Imaging/Photo	Architect, Developer	Visual C++, .NET, C#, DCOM, MultiThreading, SVN
2010	3 M	VI Technology	Imaging/Boards	Developer	Visual C++, MFC, MultiThreading, OpenGL
	2 M	SCHNEIDER ELECTRIC	Energy/Electrics	Architect, Developer	Visual C++, MFC, VB6, ClearCase, RS232, Ethernet, Modbus, IEC
	1 M	OROS	Noise & Vibration	Developer	Visual C++, COM, VBA, MS Office, SVN
	3 M	CORYS	Imaging/3D	Developer	Visual C++, MFC, Qt, Perl
2009	2 M	PHILOG / XIRING	Health	*Carte Vitale* reader Developer	C/C++, SVN, RS232, USB, Ethernet, Encryption / *Chiffrement*
	3 M	iMDEO	IT	Web & IT Architect, Developer	Java, Eclipse, Tomcat, VBA, mySQL, WebServices, MS Office
2008	2 Y	SCHNEIDER ELECTRIC	Energy/Electrics	Architect, Developer	Visual C++, MFC, VB6, ClearCase, RS232, Ethernet, Modbus, IEC
2008		**Freelance**	**Architect, Developer**		**C++, Qt, SQL, python, .NET, C#, VB**
2007	6 M	TEMENTO SYSTEMS	Electronics	Architect, Developer	Visual C++, MFC, DCOM, Tcl/Tk, Boards, JTAG, FPGA, Flash, BSDL
2005	2 Y	SCHNEIDER ELECTRIC	Energy/Electrics	Architect, Developer	Visual C++, Visual Basic 6, VB6
2004	1 Y	KIS PhotoMe	Imaging/Photo	Architect, Developer	Visual C++, MFC, DCOM, RPC, Printer Drivers
2003	4 M	FRANCE TELECOM	Telecommunications	Architect, Developer	J2EE, CORBA, LINUX, RedHat, Java, C++, Eclipse
	8 M	DSS / FRAMATOME	Energy/Nuclear	Architect, Developer	Borland C++ Builder, LabWindows/CVI, LabView, Modbus
2002	7 M	FRANCE TELECOM	Telecommunications	Project Manager, Developer	Visual C++, RogueWage, UNIX, Sun/Solaris
	1 M	CREDIT AGRICOLE	Bank	Developer	C, OS/2
	2 M	ATMEL	Electronics	Developer	Visual C++, MFC, RS232, CMOS
2001	2 M	USINOR	Metallurgy	Developer	Visual Basic 6, VB6
	2 M	TOTAL	Energy/Oil/Gas	Web Developer (World Intranet)	IIS, HTTP/FTP, ASP, Perl, JavaScript
	6 M	ALSTOM	Transportation	Project Manager, Developer	Visual C++, MFC, DCOM
2000	1 Y	KIS PhotoMe	Imaging/Photo	Developer	Visual C++, MFC, DCOM, HTML
1998	2 Y	HEWLETT-PACKARD	Electronics/PC	Developer	Visual C++, DCOM/CORBA/J2EE, SQL Server
1994	4 Y	AIDEL	Data Management	Junior Developer	Visual C++, MFC, Visual Basic 6, VB6, Databases, DCOM, HTML
1993	1 Y	French Air Force	Defense	Fighter Squadron IT Support	MS-DOS, Databases
1992	1 Y	TOTAL	Energy/Oil/Gas	MASTER 2 Intern	UNIX, Fortran, shell
1987	5 Y	Sciences	Student	MASTER 2	Applied Mathematics, Computing, C, C++, ADA, PASCAL, UNIX, VAX, VMS
1986	1 Y	High School	Student	BAC **C**	Mathematics

1985	40 Y	shell (sh, bash), powershell, HTML, CSS, vbscript, ASP, JSP, applet, raspberry pi, markdown, Jekyll, socket, backend, frontend, server, Cloud, AI, IA
		assembleur, assembler, x86, 32 bit, x64, 64 bit, DirectX, OpenGL, drivers, pilotes, upgrade, migration, AD, Active Directory, GPO, Global Policies, SE Linux
		Consulting, Audit, Migration, Project Management, Gestion de Projet, V Cycle, Cycle en V, agile, scrum, Git, GitHub, Jenkins, CI/CD, DevOps
		Documentation, Specifications, Design, Design Patterns, Coding, Unit Tests, Test, Validation, User Manual, Customer Support, Maintenance, Quality
		Documentation, Cahier des Charges, Conception, Patrons de Conception, Codage, Tests Unitaires, Tests, Manuel Utilisateur, Support Client, Maintenance, Qualité

Years	
13	**Freelance (2008-2020, 2025-)**
17	**Permanent (1994-2007, 2020-2025)**
30	*TOTAL*
1	**Army (1993)**
5	**Student (1987-1992)**

Freelance since 2008 (SIREN 502219538)

★★★★★ malt
Qualité ★★★★★ Respect des délais ★★★★★ Communication ★★★★★
https://www.malt.fr/profile/pascalpinchauretlamothe

IT SKILLS

Skill	Experience	Context
	30 years	**O**perating **S**ystems **Windows** (3.11 to 11)**, Linux** (RedHat, CentOS)
	30 years	Microsoft **Visual Studio** 6 to 2022
	25 years	VC++ 1.5 to 6, **C++** norms 11 to 20 Qt, Microsoft VC++, MFC, Borland C++, gcc Windows, Linux
	10 years	**Qt** 4 to 6, Microsoft VC++, gcc, PySide 6 Windows, Linux (RedHat, Ubuntu, Kali)
	10 years	Microsoft SQL Server **T-SQL** ORACLE **PL/SQL**
	10 years	**Database** Management SQL Server, ORACLE, mySQL
	5 years	Microsoft **dot NET**
	5 years	Microsoft **C#**
	3 years	Microsoft **Visual Basic** 6 to .NET
	3 years	**Python** 3, PySide 6 (*python 3 + Qt 6*) Windows, Linux
	3 years	**Cybersecurity** For Industrial Systems Windows GPO, SE Linux, Kali, Cryptography

MANAGEMENT SKILLS

Skill	Experience	Description
	10 years	**Technical** Leader
	10 years	Project **Cost** Management
	3 years	**IT** Recruiter
	3 years	**Project** Manager
	15 years	**Customer** Support (**Remote** / on **Site**)

LANGUAGES

Language	Level	Context
	Native	French citizen
	Fluent	School, private & professional (USA + UK + India)
	Proficient	School and private

TRAINING COURSES

Skill	Duration	Period	Description
	5 Days	2023	**Cybersecurity – In Depth** **HS2**/Hervé Schauer **SECU_CYBER** (Paris)
	2 Days	2022	**Cybersecurity – Essentials** **HS2**/Hervé Schauer **ESS_CYBER** (Paris)
	3 Days	2022	**Electrical qualification** (valid for 3 years)
	1 Day	2008	**Electrical qualification** (renewed for 3 years)
	3 Days	2006	**Electrical qualification** (valid for 3 years)
.NET	**5** Days	2006	**.NET** (**C#, ASP, ADO**) with Microsoft **Visual Studio 2005**
CORBA	**5** Days	2003	**CORBA** in Java and C++
Java EE / eclipse	**5** Days	2003	**J2EE** with **Eclipse** / **WebSphere**

CAREER IN DETAILS

Mars 2025 (1 month) - 5 🕴 – SCHNEIDER ELECTRIC (Grenoble 38, France + Germany)

Freelance   **Energy/Electrics - Expert Architect Developer - C++ C# (Visual Studio)**
➢ SEPAM devices software audit and improvement (SEPAM 80 series).
➢ Bug fixes on MODBUS specifications implementation.
➢ Communication in english (developments with **Schneider-Germany** teams).

Windows 11, Visual Studio 2022, C++ 17, C#, .NET, MODBUS, InstallShield 2024, GitHub

January 2022 (3 years + 2 months) - 30 🕴 – Framatome/EDF (Meylan 38, France)

Permanent   **Energy/Nuclear - Software Architect / Technical Leader**
➢ **Architecture**, Design and Maintenance of software for the monitoring and protection systems of the 56 French civil nuclear reactors.
➢ **Audits** and **Maintenance** of existing software (Linux PC C++/Qt software, embedded C software).
➢ Management of the obsolescence of **CentOS** (since june 2024) replaced by **RedHat 9**.
➢ **Cybersecurity** of Linux systems (**SE Linux**) and Windows (**GPO**), **Cryptography**.
➢ **Technical Leader**, PC Software **Expert**, Projects **Costs** calculation.
➢ **Project Manager, Tutor** of ENSIMAG Engineering Students.
➢ **Remote** Technical **Support**.
➢ **Documentation** (**Quality** Process).

Linux (RedHat, CentOS), Qt 5 under Linux, gcc, Python 3, InnoSetup, Git, Windows 7, Windows 10, Visual C++ 2010, VC++ 2019, VC++ 2022

September 2020 (16 *months*) - 5 🕴 – TEMENTO Systems (Saint-Egrève 38, France)

Permanent   **Electronics - Software Architect / Expert Developer**
➢ **Design**, **Development** and maintenance of *DiaTem*® and *DiaLite*® electronic boards testing software.
➢ **Design** and **Development** of a new electronic boards testing software with PySide 6 (Python 3 with Qt 6).

Windows 10, Visual C++ 2013, Python 3, Qt 6, PySide 6, TCL, Cartes électroniques, JTAG, FPGA, BSDL, Git

January 2020 (8 months) - 10 🕴 – ORTHOTAXY (Gières 38, France + USA)

Freelance   **Health/Medical - Expert Developer - C++**
➢ **Development** of a knee surgery robot (Total Knee Arthroplasty).
➢ **Documentation** (**Quality** Process).
➢ **Scrum**: daily stand-up, Demo, Retro, 3-weeks sprint plannings.

Windows 10, Visual Studio 2019, C++, Qt 5, Git, Scrum, Teams, Zoom, AWS

June 2019 (7 months) - 7 🕴 – FRESENIUS (Brézins 38, France)

Freelance   **Health/Medical - Expert Developer - C++ / C# / WPF**
➢ Maintenance of syringe pumps configuration tools (drip, transfusion and clinical nutrition).
➢ Update of many documentation (Quality Process).
➢ Scrum: daily stand-up, Demo, Retro, 2-weeks sprint plannings.

Win.7, Visual Studio 2012, C++, C#, WPF, SVN, Scrum

January 2019 (3 months) - 12 🕴 – OROS (Meylan 38, France)

Freelance   **Noise & Vibration - Expert Developer - C++ / Qt / MFC**
➢ Upgrade of *NVGate*®, noise and vibrations measurement software.
➢ Development of new modules in Qt 4 integrated to the existing MFC source code.

Win.7, Visual C++ 2010, Qt 4, UNICODE, TCP/IP, SVN, Mantis, XP method

April 2015 (4 years) - *10* ⚇ – GEG (Grenoble 38, France)

Freelance **Energy/Trading - Expert Developer - Visual Studio .NET 2013 C# / SQL Server T-SQL**
- Development of Trading applications, allowing the sales department to decide of the amounts of **electric and gas** blocks that must be bought or sold.
- Development of a C#/**REST WebService** linking the **SalesForce** CRM with an SQL Server DB.

Visual Studio 2013, .NET, C#, WinForms, Web Service, SQL Server, T-SQL, SVN, SalesForce

October 2014 (4 months) - *6* ⚇ – SCHNEIDER ELECTRIC (Eybens 38, France)

Freelance **Energy/Electrics - Expert Developer - C++ .NET Expert (Eclipse / Visual Studio)**
- Development of an **embedded API** parsing XML files data exposed as C++ or C++/CLI .NET objects.
- C++ classes generated from *Enterprise Architect* **UML** schema.
- The API is a set of **GCC** libraries (Eclipse/CDT) AND Visual C++ DLLs AND C++/**CLI** .NET assemblies (used by a **NI** TestStand client) AND a .NET **Web Service**.

Enterprise Architect, UML, Visual C++ 2012, Eclipse/CDT, GCC, C++/CLI, .NET, Web Service, XML, Xerces, TFS, SVN, TeamForge

September 2011 (4 years) - *12* ⚇ – OROS (Meylan 38, France)

Freelance **Noise & Vibration - Expert Developer - C++ / Qt / MFC (Visual Studio 2010 et Qt 4)**
- Upgrade of *NVGate®*, **Noise and Vibration** measurement software.
- **Migration** of sources from Visual C++ 2003 to Visual C++ 2010 in UNICODE and 64 bit.
- Development of new modules in **Qt** 4 integrated to the existing MFC source code.

Win.7, Visual C++ 2003, Visual C++ 2010, Qt 4, 64 bit, UNICODE, TCP/IP, SVN, Mantis, XP method

March 2011 (4 months) - *2* ⚇ – SOFRADIR (Veurey 38, France)

Freelance **Imaging/Data - Expert Architect Developer - .NET / Web Services (Visual Studio 2005)**
- Architecture/Specifications/Design/Development of a chip defects manager.
- Architecture/Specifications/Design/Development of a blister scans manager.
- VB6 client automaton + VB.NET Web Services + ORACLE 10g DBMS.

Win.XP, Visual Studio 2005, .NET framework 2.0, VB.NET, Web Services, Visual Basic 6, ORACLE 10g

December 2010 (2 months) - *5* ⚇ – SunTrust (Geneva, Switzerland)

Freelance **Bank - Architect/Project Manager - .NET / Databases (Visual Studio 2010 / mySQL)**
- **Architecture**/Specifications/Design/Development of an **asset** management software.
- **Recruitment** and **Management** of project team developers.

Win.7, Visual Studio 2010, .NET framework 4.0, VB.NET, ADO.NET, mySQL connector

December 2010 (3 months) - *10* ⚇ – KIS Photo-Me (Echirolles 38, France)

Freelance **Imaging/Photo - Expert Architect Developer - .NET / DCOM (Visual Studio)**
- Upgrade of the **DCOM** architecture of a printer spooler.
- Specifications/Design/Development of a **Windows Service** sending e-mails automatically and periodically with file attachments (Visual Studio 2010, C#, .NET framework 4.0).

Win.XP, Visual Studio 2003+2005+2008+2010, C#, .NET framework 4.0, Visual C++, ATL, DCOM, MultiThreading/Real time, XML, SVN/Tortoise

September 2010 (3 months) - *10* ⚇ – VI Technology (Saint-Egrève 38, France)

Freelance **Imaging/Boards - Expert Developer - C++ (Visual Studio)**
- Specifications/Design/Development of a new feature (alarm manager) for an electronic board defects manager.

Win.XP, Visual C++ 6.0, OpenGL, MultiThreading/Real time, VSS, BugZilla, StarUML

June 2010 (2 months) - *5* ⚇ – SCHNEIDER ELECTRIC (Meylan 38, France + India)

Freelance **Energy/Electrics - Expert Architect Developer - C++ (Visual Studio)**
➢ Specifications/Design/Development of a new version of medium voltage electrical networks protection software delivered with SEPAM devices (SEPAM 60 series).
➢ Software upgrade for Windows **Seven** compatibility.
➢ Communication in english (developments with ***Schneider-India*** teams).

Win.XP/Vista/Seven, Visual C++ 6.0, Visual Basic 6.0, MutliThreading/Real-time, InstallShield, ClearCase, ClearQuest

May 2010 (1 month) - *2* ⚇ – OROS (Meylan 38, France)

Freelance **Noise & Vibration - Expert Developer - C++ / VBA / MS Office (Visual Studio 2008)**
➢ Design/Development of an **automaton** generating MS WORD and EXCEL reports.
➢ Compatibility with **MS Office** 2003+2007 and Windows XP+Seven.

Win.XP/Seven, Visual C++ 2008, COM, MS Office, VBA, SVN

February 2010 (3 months) - *10* ⚇ – CORYS TESS (Grenoble 38, France)

Freelance **Imaging/3D - Expert Developer – C/C++ / Qt (Visual Studio 2008-2010)**
➢ Migration of 3D simulation software (15 years old) from Visual C++ 6 (Win. XP) to Visual C++ 2010 (Win. 7).
➢ Migration of C++ modules from VS 2008 (Win. XP) and then to VS 2010 (Win. 7).
➢ Final migration to be fully compatible with Windows 7.

Win.7, Visual Studio 2010, Visual Studio 2008, Visual Studio 6, C/C++, Qt 4.6, MFC, Perl

December 2009 (2 months) - *3* ⚇ – PHILOG/XIRING (Paris IX 75, France)

Freelance **Health/Data - Expert Developer – C/C++ / Qt (Visual Studio 2005)**
➢ Data transfer module between a **« Carte Vitale » reader** and a PC.
➢ Development/Tests of the module (integration with the embedded software).
➢ Serial link (RS232/USB) and Ethernet (Windows Sockets 2), Real-time / Multithreading / State Automaton.
➢ **Data encryption** (RSA + 3-DES + SHA-1 algorithms).

Win.XP, C/C++, Visual Studio 2005, RS232/USB/Ethernet/Sockets, MutliThreading/Real-time, State Automaton, Data Encryption, SVN/Tortoise, RedMine

September 2009 (3 months) - *2* ⚇ – Hervé Thermique/iMDEO (Tours, Home work)

Freelance **IT - Web & IT Architect – RedHat, Eclipse, Java, Tomcat**
➢ Maintenance of the company Document Management System (DMS).
➢ Specifications/Design/Development/Tests of the system.
➢ Tomcat server + mySQL database.
➢ MS Office add-ins (Outlook + WORD + EXCEL + PPT) = Visual Basic 6 ActiveX.

Win.XP/Linux Red Hat, Visual Basic 6.0/ActiveX, Eclipse/Java/WST, JDK 1.4, Struts, JSP, Applets, Tomcat 4.1, Castor, Axis, Lucene, Ant, mySQL, WebServices, FTP, CIFS, SMTP, XML, SVN/Tortoise

February 2008 (2 years) - *15* ⚇ – SCHNEIDER ELECTRIC (Eybens 38, France + India)

Freelance **Energy/Electrics - Expert Architect Developer - C++ (Visual C++ 6)**
➢ **Electropole** site, **PMC** department, **SEPAM** projects.
➢ Specifications/Design/Development of a new version of medium voltage electrical networks protection software delivered with SEPAM devices.
➢ **Modbus** Communication / **Serial/Modem/Ethernet** (**IEC61850**) networks design.
➢ Software upgrade for Windows **VISTA** compatibility.
➢ Communication in english (developments with ***Schneider-India*** teams).

Win.XP/Vista, Visual C++ 6.0, Visual Basic 6.0, COM, XML/Xerces, ModBus protocol, IEC61850 standard, Mutlithreading/Real-time, Serial/Modem/Ethernet drivers, UML/Rational Rose/Poseïdon, InstallShield, VSS, ClearCase, ClearQuest

July 2007 (6 *months*) - *10* ⚇ – TEMENTO Systems (Montbonnot 38, France)

Permanent **Electronics - Expert Architect Developer - C++ (Visual C++ 6)**
➢ Design/Development of *DiaTem*® electronic boards test software.

Windows XP, Visual C++ 6.0, DCOM, XML, TCL, Electronic boards, JTAG, FPGA, Flash, BSDL, ClearCase, BugZilla

July 2005 (2 years) - *15* ⚇ – SCHNEIDER ELECTRIC (Eybens 38, France + India)

Permanent **Energy/Electrics - Expert Architect Developer - C++ (Visual C++ 6)**
➢ ***Training -*** **Microsoft Visual Studio .NET 2005** - C#, ASP, ADO (5 days).
➢ **Electropole** site, **PMC** department, **SEPAM** projects.
➢ Specifications/Design/Development of a new version of medium voltage electrical networks protection software delivered with SEPAM devices.
➢ **Modbus** Communication / **Serial/Modem/Ethernet** (**IEC61850**) networks design.
➢ Communication in english (developments with ***Schneider-India*** teams).

Win.98/NT4/2K/XP/Vista, Visual C++ 6.0, Visual Basic 6.0, COM, XML/Xerces, ModBus protocol, IEC61850 standard, Mutlithreading/Real-time, Serial/Modem/Ethernet drivers, UML/Rational Rose/Poseïdon, InstallShield, VSS, ClearQuest

March 2004 (*1 year*) - *10* ⚇ – KIS PhotoMe Group (Echirolles 38, France)

Permanent **Imaging/Photo - Expert Architect Developer - C++ (Visual C++ 6)**
➢ Development of digital photos processing applications and thermic/inkjet printing drivers.

Win.XP, Win.2000, Visual C++ 6.0 (MFC, ActiveX/ATL/COM), InstallShield, VSS, Printing drivers

November 2003 (*4 months*) - *4* ⚇ – FRANCE-TELECOM (Lyon 69, Paris 75, France)

Permanent **Telecommunications - Expert Architect Developer – Java / C++**
➢ **Training - J2EE** - Development of applications with WebSphere 5.0 (Paris / 5 days).
➢ **Training – CORBA** - Advanced design of enterprise applications (Paris / 3 days).
➢ Comparison of J2EE vs CORBA application servers under Win.2000 and LINUX.
➢ **J2EE** - Evaluation of JOnAS 3.3, Tomcat 4.1 and WebSphere 5.0 (Eclipse).
➢ **CORBA** - Evaluation of Java/C++ servers: Orbacus, JacORB, Mico, OmniORB, JavaORB, TAO.

Win.2K, Linux/RedHat 3/Knoppix 3.3, J2EE, CORBA, Visual Studio 6.0, WebSphere 5.0, Eclipse

March 2003 (*8 months*) - *20* ⚇ – Data Systems & Solutions/Rolls Royce/Framatome (38, France, UK)

Designer, Snr. Developer **Energy/Nuclear - Software Architect / Expert Developer – C++ RT**
➢ Specifications/Design/Development/Qualification of nuclear centrals real-time monitoring software.
➢ Documentation and communication in english (UK company).

Win.NT 4.0, C++ Builder 5.0, LabWindows/CVI 5.5, Mutlithreading/Real-time, InstallShield, VSS, PVCS

December 2002 (*1 month*) - *4* ⚇ – FRANCE-TELECOM (Grenoble 38, Paris 75, France)

Permanent **Telecommunications - Project Manager, Expert Developer Visual C++**
➢ Specifications/Design/Development/Qualification/Deployment of a new module plugged on a telecommunication networks modeling software and creating report files in standard formats (TXT, DOC, PDF, HTML).

Win.2000, UNIX (SUN Solaris 2.6), Visual C++ 6.0, XML

May 2002 (6 *months*) - 4 ⚲ – FRANCE-TELECOM (Grenoble 38, Paris 75, France)

Permanent **Telecommunications - Project Manager, UML Designer, Expert Developer Visual C++**
➢ Specifications/Design/Development/Qualification/Deployment of a new module plugged on a telecommunication networks modeling software.
➢ The module calculates the cost of each telecommunication network.

Win.2000, Visual C++ 6.0, RogueWave Libraries, UML

March 2002 (*1 month*) - 4 ⚲ – CREDIT AGRICOLE (Annecy 74, France)

Permanent **Bank - Snr. Developer**
➢ Maintenance of a banking application.

OS/2, C

January 2002 (*2 months*) - 12 ⚲ – ATMEL (e2v) (Saint-Egrève 38, France)

Permanent **Electronics - Expert Developer Visual C++**
➢ Design/Development/Qualification of a GUI application used to qualify CMOS sensors via RS232 serial link.

Win.98, Win.NT 4.0, Win.2000, Visual C++ 6.0 (MFC), Serial driver

October 2001 (*2 months*) - 2 ⚲ – USINOR/UGINE-SAVOIE-IMPHY (Ugine 73, France)

Permanent **Metallurgy - Developer**
➢ Specifications/Design/Development/Qualification of a GUI application retrieving customer orders from a steel factory (CICS/Windows NT link via an ActiveX).
➢ Specifications/Design/Development/Qualification of a GUI application importing steel bars test results files in an ACCESS database.

Win.NT 4.0, Visual Basic 6.0, ActiveX, DAO, ACCESS

July 2001 (*2 months*) - 2 ⚲ – TOTAL FINA ELF (Grenoble 38, France)

Permanent **Energy / IT – World Intranet Developer – IIS, JavaScript**
➢ Transfer of a Windows NT 4.0 Intranet from an old PC to a new PC.
➢ Configuration of IIS server HTTP/FTP sites.
➢ Transfer of users, directories and files rights.
➢ Modification of ASP, Perl, JavaScript, VBScript and MS-DOS scripts.

Win.NT 4.0, IIS, ASP, Perl, PerlScript, JavaScript, VBScript, HTML

May 2001 (*2 months*) - 3 ⚲ – ALSTOM (Villeurbanne 69, France)

Permanent **Transportation - Project Manager, UML Designer, Expert Developer Visual C++**
➢ Project management: 2 developers, weekly meetings.
➢ Specifications/Design/Development/Qualification/Deployment of a GUI application (ActiveX, COM components, databases) allowing the selection then the downloading of drivers embedded in transport networks (train, bus).

Win.98/NT4, Visual C++ 6.0 (ATL/COM/ActiveX), UML/Rational Rose

January 2001 (*4 months*) - 3 ⚲ – ALSTOM (Villeurbanne 69, France)

Permanent **Transportation - Project Manager, Expert Developer Visual C++, MT/RT**
➢ Specifications/Design/Development/Qualification/Deployment of new modules plugged on a software communicating with several embedded systems (train, bus).

Win.98, Visual C++ 6.0 (MFC), Mutlithreading/Real-time, ClearCase

April 2000 (*1 year*) - *10* ⚇ – KIS (Echirolles 38, France)

Permanent **Imaging / Photo - Snr. Developer**
➢ Software development on photographic boxes, public printing kiosks (BDA) and professional printing stations (DKS).
➢ Development of the software core (Shell) embedded in boxes and kiosks and managing their software modules in real-time (processes synchronization).

Win.98, Visual C++ 6.0 (MFC), ActiveX, DHTML, RPC, Mutlithreading/Real-time

May 1999 (*10 months*) - *4* ⚇ – HEWLETT-PACKARD (Eybens 38, France + USA)

Permanent **Electronics / PC - Snr. Developer**
➢ Comparative study of CORBA, Java/RMI and DCOM for the development of an Internet/Intranet software deployment solution.
➢ Documentation and communication in english (US company).

Win.2000 Server, JBuilder 2.0/Java/CORBA/Orbix/JDBC, Visual C++ 6.0/MFC/ATL/DCOM/ODBC, SQL Server 7.0, XML

March 1999 (*2 months*) - *10* ⚇ – HEWLETT-PACKARD (Eybens 38, France + USA)

Permanent **Electronics / PC - Snr. Developer**
➢ *HP TopTools* project: maintenance of an Intranet server deploying printer drivers.
➢ Documentation and communication in english (US company).

Visual C++ 6.0 (MFC), Visual J++ 2.0, VBScript, HTML, ASP, COM

May 1998 (*10 months*) - *8* ⚇ – HEWLETT-PACKARD (Eybens 38, France + USA)

Permanent **Electronics / PC - Snr. Developer**
➢ Development of 3 versions of *HP ConfigTailor* CD ROM (Visual C++/MFC, HTML, Java).
➢ Documentation and communication in english (US company).

Win.NT 4.0 Workstation, Visual C++ 5.0 (MFC), Visual J++ 1.1, JavaScript, HTML, InstallShield, SourceSafe

November 1994 (*4 years*) - *9* ⚇ – AIDEL (Le Cheylas 38, France)

Permanent **Data Management - Jnr. Developer**
➢ Small firm, 9 employees, 2000 customers in France (mostly public libraries).
➢ Maintenance and evolution of *SuperDoc*® document management software package.

Win.3.x, Win.95, Visual C++ 1.52 to 5.0 (MFC), DAO, OLE/ActiveX, HTML

August 1993 (*1 year*) - *5* ⚇ – Military Service –Air Base #118 (Mont-de-Marsan 40, France)

Army **Defense - Computing Engineer**
➢ Maintenance of a schedule management application for the flying squadron pilots.

MS-DOS, Paradox

July 1992 (*1 year*) - *2* ⚇ – ELF-AQUITAINE/TOTAL (Pau 64, France)

Student **Energy / Oil /Gas - Student / Developer**
➢ Update of a geological measurements processing application.

UNIX, FORTRAN