

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

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

Technics



CyberSecurity



Windows



Linux



C++



Qt



python



T-SQL PL/SQL



DBMS / SGBDR



Visual Studio



dot NET



C#



Visual Basic

Project



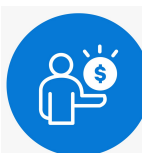
**doc &
quality**



architect



expert



cost



recruiter



project



support

Business



Bank



Trading



Health / Medical



Electrics



Gas



Oil



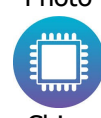
Nuclear



Photo



3D



Chips



Signal



Metallurgy



Train



IT



Communications



Defense



Maths



AI - IA



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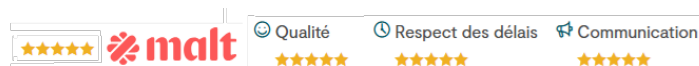
HISTORICAL

| Period | | Company | Business | Job <i>(detailed description on demand)</i> | 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 | DRDS | Noise & Vibration | Architect, Developer | Visual C++, MFC, Qt, C++ II, 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 | DRDS | Noise & Vibration | Architect, Developer | Visual C++, MFC, Qt, C++ II, 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 | DRDS | Noise & Vibration | Developer | Visual C++, COM, VBA, MS Office, SVN |
| | 3 M | CORYS | Imaging/3D | Developer | Visual C++, MFC, Qt, Perl |
| 2009 | 2 M | PHILOLOG / XIRING | Health | <i>Carte Vitale</i> 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++, RogueWave, 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)






IT SKILLS

| Skill | Experience | Context |
|---|-----------------|---|
|  | 30 years | Operating Systems 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 (<i>python 3 + Qt 6</i>) 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) |
|  | 5 Days | 2006 | .NET (C#, ASP, ADO) with Microsoft Visual Studio 2005 |
|  | 5 Days | 2003 | CORBA in Java and C++ |
|  | 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 *DiaTerm*® 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, BSD, 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/Poseidon, 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, Multithreading/Real-time, Serial/Modem/Ethernet drivers, UML/Rational Rose/Poseidon, 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, Multithreading/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), Multithreading/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, Multithreading/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