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Software Engineer (GUI[1]/Web[2]/real time)

14 years of experience

[1]GUI : Graphic User Interface.
[2]Web : CGI, PHP, HTML/CSS, JavaScript…
[3]SCSC: Software and Computing Services Company (in French: SSII).

Professional Experience

1998-2003 : **Software Engineer** for **XandMail**, software editor (La Courneuve).
- Developments in portable C (WinNT/Unix) on a webmail software: e-mail management via HTML interface generated by CGI from Web templates. Using POP3, IMAP4, SMTP, LDAP standards.
- Development of an address book looking like Netscape one, in C++ with MFC.
- Developments in C on the home-brew e-mail software (X.400/Internet) for Windows.
- Development in VBA for Excel of a software translating textual data from Cnasea to Excel sheets, divided by areas, and automated sending of these files by e-mail.
- Writing documents in English or in French, writing install scripts for InstallShield, test scripts for SilkTest, using content management software (CMS): VisualEnabler (CVS-like).

1997 : **Software Engineer** for Sogetek, SCSC (Sèvres), working for **Thomson T&S**.
- Follow-up of 1996 development: aggregation and synthesis of projects. Storage of data with Access via Jet 2.5/SQL, data management and display of results with Excel via Ole 2 Automation, all this written in Visual Basic 4 with Windows 3.1, 95 and NT 4.

Intern for **Cadic**, software editor (Paris).
- Update of a library management software made with Fulcrum SearchServer (client/server document database), accessed via SQL.

1996 : **Software Engineer** for Sogetek, SCSC (Sèvres), working for **Thomson T&S**.
- Follow-up of 1995 development: translation of Excel 4 macros to Excel 5 VBA (Visual Basic for Applications), software update, connection to PSN6 (project management software).

Software Engineer for **Cojyp**, software editor (Saclay).
- Development on HyperPanel v.4 software.

1995 : **Software Engineer** for Sogetek, SCSC (Sèvres), working for **Thomson T&S**.
- Development of a project progress worksheet on Excel 4 (macros).
- Document writing.
- User help.

1990-1994 : **Software Engineer** for Alten, SCSC (Sèvres), working for **Thomson** (CNI/RNA & LGC depts), **TRT**, **CGA/Cegelec/Alcatel**, and **Sagem**.
- Specification, design, development (in C and assembly language) and debugging of real time softwares and semi-graphic user interfaces.
- Writing corresponding documents, in English or in French.
- Training of users on created softwares and technical assistance on work environment.

1987-1989 : **Study Engineer** for I2M, SCSC (Sèvres), working for **Thomson** (Cimsa and Tex depts).
- Specification, design, development (in C) and debugging of real time softwares and user interfaces.
- Writing corresponding documents, in English or in French.

Education & Technical Summary

DEA (Diplôme d'Études Avancées) of **software engineering**, Bordeaux I University (1986).
DUT (Diplôme Universitaire de Technologie) of **electronics and automation**, IUT de Bordeaux (1982).
Training to Windows and X-Window graphic user interface software development, Chambre de Commerce et d'Industrie de Versailles Val-d'Oise-Yvelines (December 1996 to June 1997).

Systems : PC, on **MS-Dos, Windows 3.1, 9x, NT 4 et XP**. Sun Stations, on **Unix**, with SunView and OpenWindow. HP 9000 Stations and Dec Alpha Stations, on Unix, with **X-Window**. Vax, on **VMS**. Programming for Windows/SDK/MFC/VXCL and X-Window/Motif.

Languages : **C**, (Visual) **C++**, (Visual) **Basic**, **Lua**, **JavaScript**, VBScript & **VBA**, PHP, SQL, Perl, Asse**mbly Languages** (6809, 68HC11, 6800, 6502, 80x86, 680x0), Pascal, Ada.

Softwares : Mastering Microsoft **Word** (on PC & Mac), Interleaf (on Sun), FrameMaker (on HP), **XPress** & PageMaker (on Mac & PC). Knowledge of Designer & **CorelDraw!** (on PC), Illustrator (on Mac) and **Photoshop** (on Mac & PC). Using **Access** & **Excel** (on PC, using macros & VBA). Mastering (X)**HTML** & CSS, knowledge of XML/DTD & SVG.

Languages : English & French.