

Stephane Richard's Profile

NAME: Stephane Richard

POSITION: Senior Software and Technology Supervisor

EMAIL: stephanerichard@stny.rr.com

LOCATION: Upstate New York

ABOUT ME

I am a long time software developer. I've been programming since the coming of the microcomputer age in 1975. I was 7 at the time and decided to start reading about programming and programming languages. Since then, the computer industry has evolved dramatically and I've kept myself on top of pretty much all microcomputer related technologies. That's on a personal/self employed point of view. Professionally I've developed software solutions in a wide range of industries giving me a good baggage of industry related knowledge and experiences.

In this page you'll learn about the different industries I've worked on both professionally and personally and you will get a good glimpse at what all these years (27 years) of knowledge and expertise can bring to your software and internet related needs.

TECHNOLOGICAL PROFILE

INDUSTRIES:

I have worked in the following industries, which gave me both knowledge and experience in these fields of expertise:

- Accounting Book keeping Financial statements, year end procedures
- Payables/Receivables Automatic Receivable management system, collection agencies
- Banking/Financial Loans, leases, mortgages and investments
- Statistics linear regressions, trend analysis, simulations
- Employee and Payroll Deductions, printing of cheques, resource management
- Rentals Short and long term rentals, leases with option to buy
- Manufacturing M.R.P. and the production of finished goods
- Food Industry UPC quality control, Plannogramming and related financials
- Law and Law firms office document automation, document management and precise time billing
- Project/Time Management time/date calculations and project billing
- Inventory Control Inventory transactions, purchase orders, packing slips
- Document Management for all corporate related documents
- Natural Resources Oil, Gas, petroleum, precious minerals, land and rights management
- E.D.I. Standarizations and creation of standard invoicing data transfer protocols
- Employee and Payroll Deductions, printing of cheques, resource management
- Software Development developed small and usefull utilities for developers
- Web Design/Development Created a few corporate websites for clients and for myself

I have also, on a personal bases, learned and programmed personal projects in the following:

- Programming language creation currently working on my own programming language
- Operating Systems Working on my own Natively Graphical Operating System
- I.R.C. Client/Server Working on an Graphical Internet Relay chat Server and client

PROGRAMMING LANGUAGES:

Depending on the task at hand, different programming languages can best be used for different purposes. Here is a rundown of the languages I know and use.

- Visual Basic Worked with all versions on multiple projects, with exhaustive Office Automation projects.
- Other Basic Ranging from GW BASIC to Quick Basic, Power Basic, GFA Basic, The QuickBasic P.D.S. and more.
- C/C++ Professionally and personally programmed in C and C++ using O.O.P.
- Delphi Personally programmed in Delphi for about 2 years and working on a commercial product.
- Java Personally programming a project to get familiar with this now very popular language
- Pascal Programmed a few D.O.S. based utilities in Pascal throughout my career
- Clipper Again both professionally and personally programmed in CA-Clipper for years
- Ada95 been working on a sequencing project with a friend for about a year and a half in this language

- Modula-4 I'm at a learning point in this language.
 - Python A freely available language that is fast becoming a leading internet tool.
- DATABASES:** My programming career forced me to become proficient with the following databases: Today these prove to be a great addition to my arsenal of knowledge in the goal to bring workable solutions to everyday programming needs.
- SQL Server Programmed a few windows project using Visual basic as this database's front-end
 - Oracle created PL/SQL procedures for automation of routine database maintenance
 - Sybase and SQL Anywhere Sybase a unix database management system. SQL Anywhere a portable computing database system
 - Fox Pro Developed a time scheduling and management system with this database and it's programming features
 - Paradox create a small Box based inventory control system.
 - Lotus Approach All versions to date.
 - DBase I programmed a multitude of applications under this database environment
 - Access created applications both in access itself and using access databases and Visual Basic Front-end.
 - MySQL Recently begun development in this database using PHP.
 - DBase I programmed a multitude of applications under this database environment
 - Superbase Professional To Version 3.XX. A good all around programmable database management system
 - Firebird Used to be Borland's interbase now released under the GPL licence
 - PostgreSQL Another popular database available to the linux community

INTERNET TECHNOLOGIES: As mentioned above, I have developed websites in my career. This means that I have gained the know how to design websites, at the design and at the development level. Here are the related technologies I have learned and am working with to this day.

- H.T.M.L. / D.H.T.M.L. For the visual design of web documents.
- VB-Script to add interactivity and functionalities to web documents
- JavaScript for the same purpose as VB-Script.
- X.M.L. / X.S.L. X.M.L. to save Online Data. X.S.L. as a means to present the data to users.
- A.S.P. Active Server Pages developed for all types of online database access.
- J.S.P. This is the leading none microsoft Server Pages technologies.
- Perl/C.G.I. creating an online order form with knowledge based artificial intelligence features in this language.
- PHP Tweaked some forums and forms, and created a few ISP functionalities for a company

ADDITIONAL KNOWLEDGE: Either directly or indirectly related to my personal and professional programming career, I have had the need to learn many other things to give me my corporate edge. Here is a list, by category, of these other products and environments.

OPERATING SYSTEMS: (And Networking Environment)

- MS-DOS All versions to date.
- Microsoft Windows All versions (16 and 32 bits) to date.
- OS/2 All the way to OS/2 Warp
- G.E.M. Atari and PC, all versions.
- Novell All versions to Novell 5.X.
- Linux Redhat, SuSE and Mandrake.
- AmigaDOS / Workbench All versions to date.
- Mac OS All versions to date.
- GEOS / NewDeal Office All versions to date.

NETWORKING AND INTERNET PROTOCOLS:

- IPX/NETX All versions supplied with Novell networks.
- TCP/IP Gaining a good programmatic knowledge of this technology.
- FTP / HTTP as provided by todays internet technologies.

OFFICE SUITES: (Usage and programmability)

- Microsoft Office All versions to Microsoft Office XP
- Corel Perfect Office All versions to Perfect Office 2002
- Lotus Smart Suite All versions
- Star Office Versions 5.X

GRAPHIC PACKAGES: (Vector graphics and bitmaps)

- Corel Draw To version 9.0.
- Aldus PageMaker All versions
- Autocad To Autocad 2000
- 3D Studio To version 4.0 for DOS, 3D Studio Max 4 for windows
- Caligari True Space Basic usage in all versions
- Photoshop To version 6.0.
- Paint Shop Pro To version 7.X.