

— Introduction —

Advanced C++ engineer: from Windows 1 to 10; from unix system 3 to Centos / OpenBSD / macos. Wide knowledge of software technologies. Able to acquire additional skills. Highly flexible & experienced; often stood in to cover gaps in teams.

Sysdevops: Azure with Centos.

Industry experience includes institutions, IT security, finance, health, TV, pharmaceutical, car, communications, manufacturing, publishing, hardware and training.

— Major Achievements —

Designed & implemented simulator for medical implants DSP.

Microsoft released five multimedia products using my code.

— Skills —

C++ 98/3/11/14/17. Visual Studio (2019...), clang (9/7), gcc (9...), some Xcode (9.2...), plus boost and other libraries. C, Python, bash, etc.. 8, 16,32, 64 & 128 bit processors.

Windows from 1987. *Unix* from 1982, *Linux* from 1990s, *macos* from 10.2, *OpenBSD* from 2.8. *Windows API, SDK, COM.* Multi-threading, real time, security, TCP/IP, cross-platform, RPC, daemons, services, *OpenSSL, CryptoPP.*

Administration of multi-platform networks (Centos, Windows, OpenBSD, OS X, plus Azure, Ansible), internet facing services, Windows domains, unix servers.

Some managerial, architectural, team leading and project management experience.

— Experience —

Sogeti (European Commission), May 2014–March 2020, developer / sysdevops, Luxembourg

Currently Azure / Centos sysdevops admin: bash, powershell, ansible. Previously, maintaining the middleware layer: C++, gcc, Centos 5/7, bash, python, ssh, boost, subversion, git, nagios, nrpe, & some enterprise architecture. A very mixed role. For machine translation. Contract ending.

Lumension, September 2012–January 2014, Senior Software Engineer, security, Betrange, Luxembourg

Maintaining device control security products. Added print shadowing features. Analysed and wrote requirements to adapt product to updated security standards. Agile & scrum with training from Agile 42. Visual C++ 08/10/12; Win SDK, OpenSSL, boost, RPC, TFS, vmware, ASP. Company ran out of money.

Civolution, February–August 2012, contract, television, Eindhoven

Team to automate testing of television monitoring services. Windows, Centos, SSH, bash, Python, Robot Ride, Selenium. Left the Netherlands for personal reasons.

Thomson Reuters, December 2009–February 2012, contract, finance, Paris

Built a test framework in C++ using existing internal low level libraries to test high performance financial middleware, with a Python interface so others could write test scripts. Windows, C++, Visual Studio 2005 and 2010, STL, boost, XML, ODBC, mySQL, RPC, multithreading, multiprocessing, Windows SDK, PIXL, RFA. Contract ran out.

(In Dublin, I set up and ran *wurmfest*, an avant-garde poetry festival, aided by two colleagues.)

Cybertrust, March 2008–April 2009, Senior Software Engineer, security, Dublin

PKI application suite maintenance, Solaris administration. Medium team. C++, C, Solaris 8/10, Windows XP/2003/Vista, Visual Studio 6/2003/2005/2008, Sun Studio, WTL, STL, ATL, Oracle 9, perforce, AEP Keyper, XML, PKI.

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Dual UK / Luxembourg nationality
English (mother tongue)
French (B3 informally)
Luxembourgish (B1)
German (A2 equivalent)
Dutch (A2, rusty)

Degree in Computing Science
Equipped to telework

Cochlear, November 2006–January 2008, contract, Health, Mechlen, Belgium

Develop an emulator in C++ for a multi-core DSP to medical standards. Construct a Python GUI for programmers to use to develop their DSP code. Write test suite. Only developer in small hardware team. VC++ 2005, gcc 3.4, STL, boost 1.33.1, Python 2.3/2.4, SystemC, cygwin, perforce, PC Lint.

Secure Wave SA, May 2006–October 2006, contract, computer security, Betrange, Luxembourg

Develop support products in C++. Debug core product. Design, implement multi-threading library (on ATL thread pool). Design, implement networked PC device scanner. Fix USB secure FAT filesystem. Medium team. VC++ 2003, STL, ATL, WTL, Platform SDK, Windows Shell, Lint, TCP/IP, multi-threading, VSS.

Please ask about my previous experience.

— Education —

Devoteam, 2018: 20533 - Implementing Microsoft Azure Infrastructure Solutions

Pro Lingua, 2015-2017: Luxembourgish evening & conversation classes. Passed the Sproochentest.

Agile 42, Scrum Training: whilst working at Lumension

Trinity College, Dublin, October 2008–February 2009: Dutch evening classes

L'Alliance Française, June 2008–April 2009: French evening classes

CVO, Mechelen, 2007: Dutch evening classes

Hochschule Bremen, July, August 2007: full time German

Thames Polytechnic (now University of Greenwich), 2:1 in Computing Science (CNAAB)

Bedford School: 9 O'Levels, A'Levels in Maths, Physics and Chemistry

— Business —

Corrupt Press, 2011 onwards, informal

A small poetry publisher: www.corruptpress.com. Was a Scottish Limited Company until 2016. Spare time stuff.

— Arts —

I've six poetry collections and five photography artist's books published. Details on my website.