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Born on 01/31/1967, 2 children
French
Driving license (B)

CURRICULUM VITÆ

Work experience

- Since Sept 2016, SDK Architect for Advanced Visualization Framework on GE Healthcloud at GE Healthcare Digital
- Since June 2015, Systems/DevOps Leader for GE Healthcloud-Imaging at GE Healthcare Digital
- April 2011 to May 2015, C++ Engineer and DevOps at GE Healthcare – AW (Altran contractor)
- 2004 to 2010, CTO of ITEM CENTRIC, Paris, France (data security software)
- 1990-2004, co-founder, manager of BRAINSTORM, Paris, France (software development)

Skills

- Software architecture, development, security, tools, SDKs
- Languages: C/C++ (STL/Boost), Objective-C(++), Go, PHP, Perl, Python, bash, assemblers, ...
- Platforms (dev & admin): Linux, Windows, iOS, MacOS X, vCenter, CloudFoundry, Docker, AWS
- Tools: Visual Studio, GNU C++, svn/hg/git/Perforce, make, CMake, mvn, Eclipse, SonarQube, Coverity
- Database design, implementation, optimization, dedicated clients
- Client/server protocols design & implementation
- UI design & implementation: Windows, X-window, Cocoa, HTML5 / AJAX, PDF
- Security algorithms design & implementation, cryptographic algorithms implementation.
- Project management, audit & consulting in all the above mentioned areas
- Autonomy, understanding, method – Practice of Agile (XP/Scrum/SAFE).

Languages

- Good professional English
- Conversational Spanish

Education

- EPITA Engineering school, Artificial Intelligence, Software Development, 1987-1990
- Faculté de Médecine Cochin Port-Royal, 1985-1987
- Baccalauréat série C, July 1985

Interests

- Computer science, IOT, reading, climbing (6c), biking

GE Healthcare Digital – Healthcloud – Advanced Visualization (2015-Now)

- Systems/DevOps Leader

 - DevOps leader for 7-10 scrum teams in France/Hungary/India and co-leader for 30 scrum teams worldwide
 - Create and maintain multi-languages (C++, Java, NodeJS, JavaScript) CI/CD/CT for Cloud Foundry / Docker / Swarm environment using Perforce (then Github Enterprise) with Electric Cloud/Jenkins2 + maven/Artifactory/Nexus/CMake/SonarQube/Bullseye

- Value Stream Leader (Solution Integration co-Leader)

 - Drive 8 scrum teams developing 15 micro-services to stabilize and deliver a working demo for RSNA 2015
 - Coordinate the integration of 20 Cloud Foundry applications (done by 30 scrum teams worldwide) into as single system. This means thorough understanding of the other roles, architectures, tests flows...
 - Support RSNA 2015 and 2016 GE Healthcloud demo.
 - Lead RSNA 2016 Advanced Visualization demo (Define, drive implementation, support).

- Visualization Framework SDK Architect

 - This framework is meant to be the reference platform for all Cloud and on-premises medical software inside GE Healthcare, and third-parties. Working with Solution and other specialized architects to define the goals and deliverables for the customer (Developer, Architects, Testers). Define the build and deployment strategy. Validate the usability of the deliverables, the timeframe and coordinate the first customer projects.

GE Healthcare – AW – C++/Build/DevOps (2013-2015)

- Design, deployment & maintenance of a virtual farm for AW server development and AW server+UV PACS tests environment
 - Adaptation & management of auto-deployment of AW platform on physical and virtual machines
 - Complete rewrite of Volume Viewer build system from home-made GNU make to CMake
 - System admin and Devops for Volume Viewer teams across France, Hungary and Bangalore poles
 - Prototype AW server on Amazon Web Services
 - Support of Volume Viewer for CT and MR Consoles
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GE Healthcare – AW – C++/Architecture (2011-2013)

- Merge the Volume Viewer for AW, AW server and Consoles into one single product
 - Fix Volume Viewer Release for Allegro including Critical System bugs
 - Design and implement Summary Table export to RIS (RECIST)
 - Design and implement Viewports and UI synchronization between Volume Viewer and Universal Viewer PACS
 - Convert Volume Viewer annotations for synchronization with Universal Viewer PACS
 - Convert Volume Viewer to use vector fonts for annotations
 - Help stabilize Volume Viewer VS6 Release
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Previous work experience

- 2002/04-2011/01, Internet secure data storage and sharing software for Item Centric (C/C++/WTL/MySQL/Windows/PocketPC/iOS)
- 2003 MySQL back-end for UW IMAP server (C/Unix/MySQL)
- 2002-2004 shared development (and FR translation) of OSS PHP webmail SquirrelMail (<http://www.squirrelmail.org>) and its GPG plugin (<http://www.cryptorights.org>)
- 2002 several CRMs using PostgreSQL/ODBC/Access
- 2001-2002 accounting database to handle 5000 Paris cab drivers (JP de Castet) (PostgreSQL/ODBC/Access/PDF)
- 2001-2002 multi-targets set-top-box SDK for Lagardere Active (C++/MFC)
- 2000 Internet connection kit for NTL France (C++/Netscape PE)
- 2000 Internet connection kit for Noos/Numericable (C++/Netscape PE)
- 2000-2003 interactive TV application "NoosZone" for Noos/Numericable (C++/MFC & C/OpenTV)
- 1999 multi-player games server for France Telecom (Orange) (C++/COM)
- 1999 CRM for Club-Internet ISP (C++/MFC/Oracle native API)
- 1999 Kali games server client for France Telecom (C/Win32)
- 1999 Internet connection kit for Institut Pasteur (C++/Win16/Win32)
- 1999 Custom LDAP and file storage for UW IMAP server for Oleanne (Orange pro ISP) (C/Unix)
- 1998-1999 all Disney Interactive Europe installations (InstallShield/C++)
- 1998 remote command voting system (C++/ATL/COM)
- 1998 Netscape Plug-In Kali multi-games server (C++/Win32) for France Telecom (Orange)
- 1997 first French secured on-line Internet connection kit for Club-Internet ISP (C/Unix/C++/Win16/Win32/Netscape PE)
- 1996 RTF word writer for Corel Click'n Create (C++/MFC/Win16/Win32)
- 1995 Karaoke SDK for Philips / EMI (C/ASM/CDI/Win16/Win32/X11/MacOS)
- 1995 ASM/GNUC SDK for Philips CDI (C/ASM/Win32/Unix/X11)
- 1995 Custom GNU C compiler for custom Jaguar 64-bit RISC processor for Atari Corporation (C/Unix/Win32)
- 1994 ASM SDK for Jaguar console for Atari Corporation (C/ASM/Win32/Unix/X11)
- 1993 DSP 56001 SDK for Atari Corporation (C/ASM/GEM)
- 1993 Linux 0.94 port from Intel/808x to Atari/68xxx
- 1992 Printing factory automatic layout and CRM for SNCP (C/GEM)
- 1992-1994 French developers technical support for Atari France.
- 1991 MIDI-based local network system for Atari computers (ASM/TOS)
- 1990 ASM SDK for Atari computers (ASM/C/GEM)
- 1988 Low and source-level system C/ASM debugger for Atari computers ("Adebug") (ASM/TOS)