---------------------------------------------------------------------------2018/11 - until now: Freelance  
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- Open Source project: Website pro (whole time)  
[Full-Stack developer]  
[Web development]  
[Windows 10, Linus Debian 9, JetBrains (IntelliJIDEA, PhpStorm, PyCharm, Datagrid), React, Angular, Spring, Django, Microservices, Apache2, WAMP Server, Tomcat, MySQL, MariaDB, Jira, Jenkins, Github]  
[Java, Javascript, Php, Python, SQL]  
[AGILE software development, continuous integration, Extreme programming]  
---------------------------------------------------------------------------2015/10 - 2018/10: HENSOLDT GMBH Ottobrunn (former Airbus Defence)  
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- Products / team: IFF (until the end)  
[Software engineer / Full-Stack developer]  
[IFF interrogators, transponders and related tools]  
[Windows 7, Linux Debian 9, IoT, Eclipse, Swing, Ant, CUnit, JUnit, React / Node, JQuery, AJAX, XML, JSON, Microservices, GNU Autotools, Docker, JIRA, Jenkins, DOORS, SVN, ADS-B (aircraft tracking data) & various com links: UDP/TCP IP, RS-XXX, CAN bus, REST API for Network Controller, Moxa/Aitech Embedded computer for military applications]  
[C, Javascript, Php, SQL, Asm x86]  
[AGILE software development, continuous integration]  
---------------------------------------------------------------------------2000/06 - 2015/09: Airbus Defence (former Cassidian / EADS Defence & Security)

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- Products / team: IFF (until the end)  
[Software engineer]  
[IFF interrogators, transponders and related tools]  
[Windows 7, Eclipse, Swing, Ant, JUnit, JIRA, SVN, DOORS, ADS-B (aircraft tracking data) & various com links: UDP/TCP IP, RS-XXX, Kontron Embedded computer for military applications]  
[C, Java, Javascript, Angular, AJAX, JSON, XML, Asm x86, Asm ARM STR7]  
[AGILE software development]

- Project: CLA2000 (1 year + 3 months)  
[Software engineer]  
[Military air control in SCCOA program]  
[Linux, Eclipse, Hibernate, Ant, POJO, DOORS]  
[Java, XML]  
[company internal process (~V cycle)]

- Project: LMT / GCTAM (2 years + 4 months)  
[Software engineer]  
[Supply flow handling in a military system]  
[Pure Java rich client based on a multithreaded 3 tier architecture]  
[Windows 7, Eclipse, Swing, Java Beans, Ant]  
[Java]  
[Company internal process (~V cycle) ]

- Project: MOIE Sic Terre (2 years + 7 months)  
[Software architect / Team leader (~6 developers)]  
[Message handling in a military weapon system communication infrastructure, Huge team ~100 people (70 SW developers)]  
[Windows XP, Entreprise Architect, Eclipse, Swt, OSGI, J2EE, EJB, POJO, JAXB, SVN]  
[Java, Python, Ant, XML, XSLT]  
[MDA Approach, Design Patterns]

- Project: Euromale (7 months)  
[Software architect / Team leader (~3 developers)]  
[Drone video data real-time acquisition and handling, Multithreaded 3 tier architecture, Extensive use of design patterns: Creational,Structural,Behavioral,Concurrency]  
[Windows XP, Eclipse, Web Services, BEA WebLogic, PostgreSQL, SVN]  
[Java, C++, .NET (C# / J#), SQL]  
[MDA Approach, Design Patterns]

- Project: Helios 2 (4 years + 5 months)  
[Software architect / Team leader (~6 developers) ]  
[Geographic information with image management (2D & 3D) for mission preparation and intelligence, Heavily multithreaded 3 tier architecture (specific Parallel handling layer / error management layer), Specific deployment platform (initially based on DOS/batch tools, then Emac/lisp tools))]  
[Windows NT, Unix/CDE, Microsoft MFC, CORBA, ActiveX components, ORACLE DB, Rational suite (ClearCase), Bounds Checker]  
[C++, SQL]  
[Rational Unified Process, Design Patterns]

- Trainer in ALTEN Learning School (~15 attendees)  
[Sessions about coding and unit testing best practises (~3 hours) ]  
---------------------------------------------------------------------------1999/10 - 2000/05: THALES group (former ALCATEL CGA Transport)  
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- Project: Wayfarer (7 month)  
[Software architect / Team leader (~4 developers)]  
[Real time embedded software inside bus ticketing console, Virtual machine for 386EX microcontroller emulation]  
[Windows NT, Visual Studio, Microsoft MFC, Wayfarer BUS Ticketing Machine, 386EX microcontroller]  
[C, C++, Asm x86]  
[V-Model, static & dynamic modeling (UML Diagrams)]

- Project: GART (1 month)  
[Software developer]  
[Contactless smartcard demonstration application]  
[Windows NT, Visual Studio, Microsoft MFC, Serial RS-232 communication, Contactless smartcard antenna]  
[C++]  
---------------------------------------------------------------------------1998/07 - 1999/09; ZODIAC (former INTERTECHNIQUE IN-SNEC)  
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- Project: EUMETSAT (1 year + 3 months)  
[Software developer]  
[Regulation and transmission for Meteosat 2nd generationsatellite, Heavily multithreaded data flow handling, Real time data treatment, Data encoding (Reed-Solomon, Pseudo-Randomization, Convolutional)]  
[Windows NT, Microsoft MFC, Windows DDK, DSP 56301, OOP, Design Patterns]  
[C++, C, Asm DSP 56301]  
[V-Model, static & dynamic modeling (UML Diagrams)]  
---------------------------------------------------------------------------1996/01 - 1998/06: ATELIER (Groupe Ka)

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- Project: EDU (9 months)  
[Software developer]  
[Essential Disk Utilities: VFAT disk tools for Psion organizer (series 3 & 5): Defragmentation / Scandisk / Smart Format / Disk Editor]  
[Windows NT, Psion EPOC(16/32), OOP]  
[C, C++]  
[Static model, Booch diagrams]

- Project: PsiTools (1 year)  
[Software developer]  
[Save and restore utilities for Psion organizer (series 3 & 5)]  
[Mac OS (6/7), Psion EPOC(16/32), Visual C++, Metrowerks CodeWarrior, OOP, Design Patterns]  
[C, C++]

- Project: Velvet (9 months)  
[Software developer]  
[Faxing (classe 1 & 2) software, Device to device file transferts (X, Y and Z modem), Asynchronous parts under interrupt (no real multitasking available)]  
[Mac OS (6/7)]  
[C, C++]  
---------------------------------------------------------------------------1992/04 - 1995/12: 4D - France & USA (former ACI)

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- Product: 4th Dimension (1 year, with 6 month in USA)  
[Software developer]  
[Tools for 4th dimension (RDBMS IDE)]  
[Platform Independant Extension Kit: tools and API for writing 4D plugins, 4D plugins. For example : smartcard handling, 4D Server connection API: samples & tests applications for writing 4D native clients]  
[Windows (3.11/WG/NT), Mac OS (6/7), MPW, Think C, Think Pascal, STL, MacAPP, OOP, MacsBug]  
[C, C++, Pascal, Object Pascal, Asm 68K, Asm x86]

- Products: 4th Dimension / Object Master (2 years + 8 month)  
[IT Technician / Software developer]  
[4th dimension (RDBMS IDE) hotline, Object Master (C/C++/Pascal/Modula2 IDE) hotline, Development problems handling, Samples and tools writing]  
[Windows (3.11/WG/NT), Mac OS (6/7), MPW, MacsBug]  
[4th Dimension, C, C++, Pascal, Modula2]  
---------------------------------------------------------------------------1986/10 - 1992/03: Centre d’Essai des Propulseurs de Saclay (DGA), GEET, LTC...  
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- General: (5 years + 5 month)  
[Software developer]  
[Database development. EDM.]  
[Dbase2, MS-DOS, Mac OS (6)]  
[4th Dimension, DOS cmds]