



- **Grosjean Nicolas**
- Software Architect
- Software Development, Integration, test & validation

- **Language**
- French(fluent), English (fluent), German(B2)

More than 25 years of experience
in Embedded software

• Education, Branch and Customer

Since 1999	Altran , Consultant (France, Belgium, UK, Germany...)
1994 - 1999	SDI, (Paris) Consultant
1993 - 1994	DCN Paris, Nuclear Safety
1991 - 1993	Graduated (Diplôme d'Ingénieur, the French <u>Master's degree in Engineering</u>) from ENSTA ParisTech, École Nationale Supérieure de Techniques Avancées

Competences

As a software architect working in the field of embedded systems (medical equipment, car, train, plane, satellite, ...) for more than 20 years, I am enthusiastic about designing, developing, testing and maintaining high quality complex systems.

- **Languages:** C++, Qt, Ada, Python, bash
- **Tools :** Doxygen, docker, Virtual Machine, QAC, cppcheck, Valgrid, gdb, MS Project, ...
- **Coding Standards:** Object Oriented Development, MISRA-C...
- **Configuration Management:** cmake, git subversion, Jira
- **Requirement Management:** DOORS
- **Design:** MBSE, UML, Argo UML, Enterprise Architect
- **Operating system:** Linux

• Work Experience

Software Architect : 12 years of experiences

Software Developer : more than 20 years of experiences

Project Management : 4 years of experiences

Roles: Software Architect and Developer (Duration : no of years)

Industries: Medical Devices, Automotive, Railroad, Airplanes...

Projects: Heine Optotechnik, BMW, Bosh, Bombardier...

Responsibilities: Architecture, Object-Oriented Development, Team Management, sharing knowledge...

Role: Software Architect

Industry: Automotive

Project: Mdf4 reader and interpreter software

Responsibility: Architecture for multiple executable, software quality and performance improvement

Role: Project Management

Industry: Multi Platform Embedded Software (Automotive)

Project: Update the project management of the BMW simulator SPIDER

Responsibility: Conception and implementation of modern (cmake) software management

Role: Software Developer

Industry: Automotive

Project: BMW Connectivity Device Manager

Responsibility: Low-level module requirement, coding and testing (USB, Wifi)

Role: Software Architect

Industry: Automotive

Project: BMW i8 Mirror Camera System

Responsibility: Software Architecture, software quality