Nicolas LUROL

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Nationality : French
40 years old

Development and validation of software and embedded systems

16 years of overall experience
12 years in automotive industry

SKILLS

Offshore project management.
Team leadership.
Subcontractor follow-up.
Customer interface.

Traceability.
Requirement management.
Writing specifications.

Problem solving.

Configuration management.

Software validation.
Embedded systems.
Real time.

CAN and LIN protocol expert.

Test bench design.
PXI benches / Labview.
Labview FPGA / CompactRIO.
Certified LabVIEW Associate Developer.

MS-Office suite: Word, Excel, Access, Project, Outlook, PowerPoint.
Visual Basic macros.

EDUCATION

CPE-Lyon (1993-1998): French engineering school (Master of Science).
Electronics, microelectronics, computer science, image and signal processing, telecom and applied mathematics.

LANGUAGES

French: Native.
English: Full professional proficiency (daily phone calls with international teams).

EXPERIENCE

2014-2016	*Freelance consultant*
2016	**INEVA (Strasbourg - France)** Architecture and development of a test bench for IO-homecontrol modules (National Instrument environment).
2014-2015	**HELLA – Automotive supplier (Lippstadt – Germany)** **System Test Consultant (EPS)** Context: development of an Electric Power Steering control module with respect to ISO-26262 standard (ASIL-D product). My role: Build and coordinate the Functional System Test activities (team of engineers in India). Prepare the technical specification for the System Test Benches. First test bench successfully delivered end of September 2015.
2014	**Prospecting in India** Seeking opportunities in technical management or project management in India (Bangalore).
2014	**Operantis (Toulouse)**: Mission as CAN protocol expert.
2002-2013	*DELPHI – Tier 1 automotive supplier*
2012-2013	**Validation project manager (infotainment)** Product: multimedia central panel for Porsche. Project scope definition: review of customer requirements. Definition of the validation strategy and tools. Budget estimation (work load and investments). Validation schedule, identification of main risks for the activity
2007-2012	**Coordinator of offshore validation activities (India)** Products: several radio and HVAC panels for PSA. My role: building the offshore validation activity, leading the Indian team (5-10 engineers in Bangalore). Coordinating the validation activities: functional validation, Can and Lin bus low layer validation, hardware and EMC tests. Technical support and validation tools administration. Defining and deploying procedures for Automotive SPICE. Customer interface for technical reviews and deliveries.
2002-2007	**Software validation engineer (mechatronics)** Products: several CAN and LIN modules for PSA. Software validation plan specification and test execution. Test tools design. CAN and LIN bus and protocol expertise. Subcontractor follow-up (tests in external laboratories).
2001-2002	*SONY (France) - VAIO laptops manufacturing* **Manufacturing support engineer** Quality monitoring and technical expertise on sensitive devices.
1999-2001	*ALCATEL – Atlinks (France)* **Software development engineer (telecom)** Development of drivers for an Internet terminal (Webphone).
1998-1999	*T2M Automation (France)* **Hardware and software engineer** Electronic cards design and test software development.

PROJECTS AT SCHOOL

1998 5 months	**Engineering training (LISA laboratory – CPE Lyon)** FPGA programing, PCI bus, DSP.
1997 6 months	**« E=M6 cup » : basketball robot competition** Hardware and software development for the robot.