



**Curriculum Vitae
Europass**

Personal Information

Name / Surname **Ernesto / Davito-Marin**

Gender **M**

**Professional
Experiences**

Date **July 2020 to today**

Position Project Safety Manager

Main activities and responsibility

- ✓ Collaborate with OEMs in understanding requirements and feasibility
- ✓ Interact with suppliers to ensure the achievement of SEooCs functional safety compliance
- ✓ Interact with OEMs and suppliers for the agreement of safety-related activities defining the DIA for the given project
- ✓ Define Safety Plan, Safety Case and Safety Manual for the given project
- ✓ Provide approval to Verification Reports produced during development
- ✓ Execute / support Confirmation Reviews, Functional Safety Audits and Assessments
- ✓ Sign-off Release for Production in collaboration with BL Functional Safety Manager

Company Name Marelli Propulsion Solutions S.p.A. – Bologna

Activity or sector Automotive

Date **February 2019 to July 2020**

Position Quality Methods Specialist

Main activities and responsibility

- ✓ Define and support application of Problem-Solving methods (8D, 4M, 5Why, ...)
- ✓ Define and support application of Design Reviews (DRBFM - Design Review Based on Failure Modes and DRBTR - Design Review Based on Test Results) during Products and Manufacturing design phases
- ✓ Support the application of DFMEA and PFMEA methods
- ✓ Support Manufacturing for Process Capabilities Analysis
- ✓ Train R&D, Manufacturing and Quality resources
- ✓ Monitor the correct and systematic application of Quality Methods

Company Name Marelli Powertrain S.p.A. – Bologna

Activity or sector Automotive

Date	March 2017 to February 2019
Position	Development Quality Methods Team Leader
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Coordinate the activities of the assigned resources and guarantee the necessary training and support ✓ Define and update methodologies for the Validation activities (rules for defining and managing the Validation Plan, carrying out Teardown after validation, implementing 8D approach for collecting issues during Validation,) ✓ Give support to the internal Reliability Lab for defining and updating methodologies and Test Procedures ✓ Give support to the internal Calibration Lab for defining and updating methodologies and Calibration Procedures ✓ Contribute to improve methods and tools for managing the Lab procedures ✓ Contribute to define methods and tools to be applied by all Marelli Business Lines as corporate standards
Company Name	Magneti Marelli Powertrain S.p.A. – Bologna
Activity or sector	Automotive
Date	June 2013 to March 2017
Position	Electronic and Mechanical Components Quality Assurance Team Leader
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Coordinate the activities of the assigned resources and guarantee the necessary training and support ✓ Take part, with development teams, in performing DFMEA, PFMEA, Risk Assessment, Design and Project Reviews ✓ Give contribution to analyse issues with Problem Solving tools ✓ Formalize Project Status by applying the Marelli Quality Plans ✓ Give contribution in developing and updating the Standard Procedures for Electronic and Mechanical Components ✓ Prepare and take part in internal and external audits activities ✓ Define and carry out training sessions to the development teams
Company Name	Magneti Marelli Powertrain S.p.A. – Bologna
Activity or sector	Automotive
Date	June 2008 to June 2013
Position	System/Sw Quality Assurance Reference
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Define, plan and monitor the Validation activities on vehicles ✓ Coordinate a team dedicated to the Validation activities ✓ Monitor the Software development activities according to SPICE standard development model
Company Name	Magneti Marelli Powertrain S.p.A. – Bologna
Activity or sector	Automotive

Date	August 2006 to June 2008
Position	Software and Controls Designer
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Analyse Customer and internal requirements ✓ Design Software controls (Diagnosis and Functional Safety) ✓ Make Software coding ✓ Carry out unit tests and integration tests on
Company Name	Magneti Marelli Powertrain S.p.A. – Bologna
Activity or sector	Automotive
Date	February 1998 to August 2006
Position	Software Validation Reference
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Coordinate resources dedicated to Software validation ✓ Plan and monitor validation progress ✓ Coordinate activities to automatize test sequences with Hardware in The Loop equipment
Company Name	Magneti Marelli Powertrain S.p.A. – Bologna
Activity or sector	Automotive
Date	June 1994 to February 1998
Position	Project Manager for video surveillance systems
Main activities and responsibility	<ul style="list-style-type: none"> ✓ TIM S.p.A and TELECOM S.p.A. sites inspection ✓ Development of the technical project with the related economical offer ✓ Coordinate the installation activities (carried out by external specialized installers) and the components purchasing (alarm sensors, video cameras and so on) ✓ Carry out the final tests with Installers and Customers ✓ Closure of the project
Company Name	SAIET S.p.A. – Bologna
Activity or sector	Telecommunications
Date	June 1992 to June 1994
Position	Service Centre Coordinator
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Coordinate the activities of the Repair Centre (Printers and PCs) ✓ Provide first remote support.
Company Name	Bull H.N. Italia S.p.A. – Bologna
Activity or sector	Computer Hardware
Date	March 1988 to June 1992

Position	Testing Technician
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Test of computers (Micro Computers) with Unix OS at EOL ✓ Repair of complex, multilayer electronic boards using emulators, Oscilloscopes and Data Analysers
Company Name	Bull H.N. Italia S.p.A. – Caluso (TO)
Activity or sector	Computer Hardware
Date	January 1988 to March 1988
Position	PC and Printers Customer Services
Main activities and responsibility	<ul style="list-style-type: none"> ✓ Repair printers and PC at Customer's site
Company Name	Olivetti – Turin
Activity or sector	Computer Hardware
Education and training	
Date	September 1995 to June 2003
Title	First level Degree (3 years): Computer Science and Automation
Main professional competences	<p>The course was composed of 30 examinations including C and C++ (object oriented) programming languages.</p> <ul style="list-style-type: none"> ○ Standard C and C++ programming language ○ knowledge of the main principles of relational databases ○ knowledge of main electronic components
Final Evaluation	103 /110
Name and type of organization providing education and training	University of Ancona
Date	September 1981 to June 1986
Title	Electronic Technician Certificate
Main professional competences	<ul style="list-style-type: none"> ○ Knowledge of the basic electronic components ○ Knowledge of the electrical and electronic circuits ○ Knowledge of the main components used in the electrical industry ○ Knowledge of civil and industrial electrical installations
Final Evaluation	54/60
Name and type of organization providing education and training	Technical Institute G.Plana (Turin)
Personal skills and competences	

Mother Tongue	Italian									
Other Languages	English									
Self evaluation	Understanding				Speaking				Writing	
<i>European Level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
Language	B2	Independent User	B2	Independent User	B2	Independent User	B2	Independ. User	B2	Independ. User
	<i>(*)European Common Reference Framework for Languages</i>									
Social skills and competences	<p>Good interpersonal skills and ability to work in team</p> <p>Good communication skills</p>									
Organizational skills	<p>Ability to adapt to new situations and multicultural environments</p> <p>Ability to coordinate teams</p> <p>Ability to manage relationships within different departments</p>									
Technical skills	<p>ISO 26262 Functional Safety</p> <p>Problem Solving methods (8D, 5Why's and Fishbone diagram)</p> <p>Fault Tree Analysis (FTA) methodology</p> <p>AIAG-VDA DFMEA – PFMEA methodology</p> <p>SAE J2886 (DRBFM and DRBTR) Design Reviews methods</p> <p>Automotive SPICE</p> <p>IATF 16949</p> <p>Knowledge of laboratory equipment and tools (Oscilloscopes, Multimeter, Microprocessor Emulators, Static and Dynamic Engine Simulators)</p> <p>Video Surveillance equipment</p>									
Computer skills and competences	<p>Windows O.S.</p> <p>Microsoft (Word, Excel, Powerpoint, Project)</p> <p>Python Programming Language</p> <p>C and C++ Programming Language</p> <p>dSpace Targetlink (Code Generation)</p>									

	Mathworks Matlab/Simulink (Controls Modelling language) INCA Tool (Automotive calibration tool) Vector CANalyzer (tool for CAN communication protocols) dSpace Midsize HIL (Dynamic Engine Simulator)
Driving License	B

Best regards.

Ernesto Davito Marin