



Specialist Integration Validation - SW Validation on HIL

Workplace: 061331, Bucharest

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What to expect:

- The Specialist Integration Validation - SW Validation on HIL (SIV) is an engineer with **with some experience** and technical background in validation/testing of software in automotive projects and good DDT2000, JIRA and MATLAB/Simulink (MathWorks) knowledge.

The SIV will report to an activity manager and will perform the following actions:

- confirm the requirements needed to be tested on HIL benches;
- follow validation plans and analyze the content carefully;
- create validation plans if the requirement don't have a validation plan associated;
- inform the Validation Project Responsible about the blocking points;
- offer support in the team in order to unblock some validation;
- open tickets in SBM if some tests are not compliant;
- improve the validation process;
- always report the validation steps that are not

What you bring along:

- The Specialist Integration Validation - SW Validation on HIL (SIV) is an engineer (degree in Transports Engineering, Electronic Engineering, Electrical Engineering or similar) with:
 - **Some experience** and technical background in automotive software testing projects;
 - Good understanding of vehicles architecture and operation (Internal Combustion Engine Vehicles, Hybrid and Electric Vehicles);
 - Knowledge of the V Cycle development method;
 - Knowledge of electric and electronic circuit architecture analysis and automotive Electronic Control Units SW development/analysis - writing requirements, decomposition, and allocation of requirements to different impacted systems;
 - Knowledge of car communication protocols;
 - **Knowledge of specific automotive software** (DDT2000, JIRA, Linux, Python, WinSCP and Silk Central (OpenText), Confluence and JT (JTAG), CANalyzer, MATLAB/Simulink (MathWorks), etc.);
 - Knowledge of English language (French language knowledge is "nice to have").

fully compliant;

- always analyze and report the wrong software behavior, even if it is outside of the test plan;
- search for the root cause of the items discovered on the other validation means.

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