

Battery Simulation and Verification Engineer

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Company: Evera Recruitment Ltd

Location: Coventry

Category: architecture-and-engineering

A world-renowned luxury car manufacturer is looking to grow the team at their state-of-the-art production facility. They are actively looking for a Battery Simulation and Verification Engineer. The successful candidate will be responsible for simulation, integration, and validation of the HV Battery systems at component, pack, and vehicle level, across all programmes:

The Battery Simulation and Verification Engineer will:

Conduct software tests on component, rig, and vehicles to validate different functionalities, using the quality processes for automotive industry: 8D, Ishikawa, etc.

Develop plant models for cells, contactors, sensors, and other components of the battery systems.

Be responsible to conduct the validation plans as well as analyse and debug any battery issue coming from the fleet.

Issue tracking reported during testing: being part of the root cause analysis team, ensuring the adequate validation.

Develop and coordinate test plans to ensure the BMS is fully validated by the time the certification is required.

The Battery Simulation and Verification Engineer will have:

Engineering Degree in Electrical, Electronic and/or related field.

Prior battery component design experience, such as busbars, connectors, etc.

Hands-on experience working with vehicle LV and HV systems.

Communication toolsets: VECTOR toolset (CANalyzer/ CANoe) or Bosh (ETAS / INCA).

Advanced understanding of Battery Systems and BMS - State flow, Diagnostic, Fault thresholds, Software flashing.

Excellent written and verbal communication skills.

Ability to organise multiple inputs into succinct summary.

If interested, simply click the "Apply now button, a member of the EVera team will contact you shortly to provide more details!

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