



Based in Alzenau, near Frankfurt in Germany, Hyundai Motorsport GmbH is responsible for Hyundai's global motorsport activities and primarily for its World Rally Championship program. In parallel to its successful WRC campaign, Hyundai Motorsport's Customer Racing department was created with the aim of enhancing Hyundai's motorsport image around the world with the Hyundai i20 R5 rally car and the Hyundai i30 N TCR for circuit racing.

We are now hiring a **Software system engineer**

Main tasks

- Working in close cooperation with Product Engineering (Electronics) to develop system
- Specifying, Developing control system tests, including validation tests on various platforms (Software Simulator, Engine Dyno, Test Car and or Race Car)
- Documenting specifications and procedures
- Managing applications for high performance power unit , electronic systems (ECU ´s, Calibration Tools)
- Involved in Power Box design (hardware and software)
- Hardware Schematic Review of systems (In cooperation with electronics engineers)
- Provide design, development and debug support for integrating individual functions into the control unit
- Validation of production processes for software and calibration

Qualifications

- Degree or equivalent in Electrical/Electronic Engineering
- Previous experience in similar role within Motorsport, Aerospace or Automotive industry
- Knowledge of Embedded ECU
- Understanding of ICE engine, operation and control
- Matlab & Simulink, Win River, @source
- Calibration tools and data analysis such as Sysma, CAN analyzer, Wintax
- Automotive communication protocols (CAN, CAN FD, Ethernet)

Application to [**Jobs@hyundai-ms.com**](mailto:Jobs@hyundai-ms.com)

Further information about Hyundai Motorsport : motorsport.hyundai.com
Hyundai Motorsport GmbH : Carl-Zeiss Strasse 4, 63755 , Alzenau, Germany