

# Volkswagen Motorsport



## Performance Engineer Motorsport (m/f/d)

### Are you prepared to enter the world of motorsport?

Volkswagen Motorsport has enjoyed a great deal of success in international motor racing and rallying over the last 50 years. It is hard to imagine a more enthralling, exciting and diverse field of work. A world which often requires complete dedication and is also rich in rewards. Success depends on one main factor – a really good team. This is why we are on the lookout for employees who share our team's passion and commitment and who would like to come on board.

### Tasks

- Assist race engineering in event analysis and preparation to get maximum performance from both car and driver
- Attend races and tests as required
- Use dedicated data acquisition software and additional analysis techniques to analyse and optimise car performance in all areas of chassis and powertrain
- Develop further analysis tools and techniques
- Make proposals for car performance improvements and perform specific analysis for technical departments
- Performing analysis using simulation tools (offline & DIL)
- Compile detailed technical reports

### Requirements

- Degree educated (Mechanical / Motorsport / Automotive Engineering)
- Previous experience in a performance engineering environment (motorsport)
- Good knowledge of data logging system and data acquisition analysis software (Wintax, Windarab)
- Matlab/Simulink scripting knowledge and proven experience
- Understanding of high voltage electrical powertrain performance factors
- Good understanding of vehicle dynamics and controlling parameters of car balance
- Racing tires usage and performance evaluation experience is an asset
- Knowledge of simulation software is an asset (LTS, multibody, simulator environment)
- MS Office knowledge including scripts/macros
- Perfect English written and spoken
- High motivation and excellent analytical, communication and problem solving skills
- Agreement to flexible working hours and location and willing to travel often

We expect a high level of initiative, excellent teamwork, and commitment to the job.

We look forward to receiving your full application documents by post or by email with an information about your salary expectations and your earliest possible starting date:

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Volkswagen