



System Engineer (m/w/d) for Hydrogen Engines

Arbeitsort: 80331, Munich

Jetzt online bewerben!

Was Sie erwartet:

- We are seeking an experienced **System Engineer for Hydrogen Engines** with a strong background in Hardware Development. For this position you bring experience in combustion engines, particularly gasoline engines, and have experience as a System Hardware Engineer as well. The role involves designing, developing and implementing electronic components and its interfaces, which are supporting the conversion of diesel engines to hydrogen operation.

Key Responsibilities:

- **System Requirements Analysis:** Conduct thorough analysis to define and document system requirements for hardware development.
- **System Architecture Design:** Create detailed electrical and electronic system architectures, including E/E wiring and cable harness schematics.
- **Testing and Validation:** Plan and set up electronics laboratories, select and purchase necessary equipment, and establish quality

Was Sie mitbringen:

- Proven experience in the field of combustion engines (gasoline engines) and system hardware engineering.
- Strong understanding of automotive system architecture for combustion engines its electronics and E/E systems.
- Excellent analytical and problem-solving skills.
- Strong communication and teamwork skills.
- Bachelor's or Master's degree in a relevant field (e.g., Electrical Engineering, Mechatronics).

assurance test systems for ECU hardware and software development.

- Component Verification: Verify and validate mechatronic components of combustion engines.
- System Integration: Support the integration of corresponding ECU's, software, and engine systems on test benches

WE move, WE develop, WE change – together as a team and with our customers.

Our commitment is focused on driving innovations in embedded system technology, particularly in the field of sustainable mobility, together with our project partners. We are working on projects that enable the conversion of diesel-powered vehicles to hydrogen drives in order to reduce environmental impact and increase efficiency. For one of our customers and project partners, we are looking for a

System Engineer (m/w/d) for Hydrogen Engines who specializes in the development of innovative solutions for integrating hydrogen technologies into existing vehicles. Join our mission and shape the future of technology with enthusiasm and creativity through joint innovation projects with our partners.

As a development specialist with more than 14,000 employees at over 50 locations, we work on exciting engineering and IT projects on behalf of our customers worldwide. Ready for your next professional challenge? Then upload your resume in just a few minutes. You can skip the cover letter; we prefer to get to know you personally in an interview. We look forward to receiving your application!

Was wir können:



Verantwortungsvolle
Aufgaben



Eigenverantwortliches
Arbeiten



Internes
Gesundheitsmanagement



Betriebliche
Altersvorsorge
und BU-
Versicherung



Flache
Hierarchien



Teamorientierte
Arbeitsweise



Urlaubs- und
Weihnachtsgeld



Unbefristeter
Arbeitsvertrag



30 Tage Urlaub



JobRad



Mentale
Gesundheit

Teilen:

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www.bertrandt.com/karriere

