



HIL Systems Engineer

Workplace: 418 32, Gothenburg

Apply online!

What to expect:

- **Coordinates the integration of Hardware-in-the-Loop (HIL) systems**, ensuring efficient setup and functionality across development stages.
- **Maintain and optimize test benches and automation environments** to support validation activities.
- **Coordinate global teams** for software and hardware integration and testing.
- **Support the development of validation setups** using MATLAB/Simulink, dSPACE, Python, and related tools.
- **Collaborate closely with system engineers, software developers, and validation teams** to ensure seamless workflow and data consistency.

What you bring along:

- **Experience with HIL modeling and automation environments** within automotive or embedded systems.
- **Knowledge of MATLAB/Simulink, dSPACE, Automotive Ethernet, CAN, and Python.**
- **Understanding of CI/CD pipelines, software verification, and test automation frameworks.**
- **Fluent English** (spoken and written).
- **Structured, proactive, and analytical working style.**
- This role requires **on-site collaboration** at our **Gothenburg** location and candidates **must hold valid work authorization in Sweden**.

With more than **54 locations throughout Europe**, the **Bertrandt Group** has been providing **engineering and development solutions** for the **international automotive and aerospace industries** since **1974**. More than **12,000 employees** use their **know-how** and **innovative strength** every day to support our customers – **leading manufacturers and OEMs** – with integrated solutions in **management, design, and industrialization**.

Bertrandt is now expanding into **Sweden**, establishing a **strong and future-oriented presence in Gothenburg**. Our activities cover a **spectrum of expertise** from **electrical, electronics, and software development** to **design engineering, project management, quality, industrialization, and validation**, all driven by **innovation** and a **passion for technology**.

What we offer:



Flexible working hours



Training programs



Employee events



Attractive compensation



Team-oriented work



Contact:

Denisa Virag

Tel.:

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