



Test & Integration Engineer - Vehicle Software

Workplace: 418 32, Gothenburg

[Apply online!](#)

What to expect:

Software Integration & Vehicle Testing

- Perform software integration tests, including regression testing and system-level verification.
- Set up logging equipment and perform measurements in test cars.
- Conduct component testing of electric driveline components and systems.
- Support fault tracing and system analysis of electrical and software-related functions.
- Provide fault-tracing support during integration events.
- Continuously report system status, issues, and progress.

Development & Verification Activities

- Define and analyze design prerequisites for new features and systems.
- Participate in early product development as well as industrialization phases.
- Plan, execute, and analyze physical testing activities.
- Coordinate external testing activities when required.
- Create, document, and present test reports.

Automation & Data Tools

What you bring along:

- Experience with in-vehicle analysis and electrical/software fault tracing.
- Strong computer skills and basic understanding of CAN communication.
- Knowledge of integrated and distributed software systems.
- Valid Swedish driver's license (B) and ability to participate in test expeditions.
- Excellent Python programming skills with an object-oriented approach.
- Experience with HIL and SIL environments and simulation tools.
- Experience with Linux-based development environments.
- Knowledge of Pytest.
- Experience with Grafana or similar visualization tools.
- Ability to think in systems and understand interactions across complex architectures.
- Fluent in English (spoken and written).
- Good knowledge of Swedish (spoken and written).

- Develop and maintain automation frameworks for verifying ADAS systems and sensors (radar, lidar, camera).
- Build and maintain data-visualization tools to present test results and performance metrics.
- Manage and utilize databases for efficient storage and retrieval of test data.
- Monitor automated test executions, analyze results, and report defects.
- Provide training and support to stakeholders on test automation tools and processes.
- Support users in fault-tracing test setups.

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**

Gothenburg location and candidates must hold valid work authorization in Sweden.

What we offer:



Contact:

Denisa Virag

Tel.:

www.bertrandt.com/en/career

Share:

