



Automotive System Engineer (ADAS / TPMS)

Workplace: 418 32, Gothenburg

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What to expect:

System Engineering & Architecture

- Lead the systemization of TPMS and related applications in the vehicle's core computer.
- Manage and refine requirements to ensure compliance with UN Regulations.
- Perform early-phase analyses such as **FMEA**, **TARA**, and **HARA**.
- Cascade system requirements from functional requirements to development teams.
- Drive system functional development and architectural design.
- Define system design, software architecture, and integration strategies.

Software Development & Integration

- Support software development activities throughout the industrialization phase.
- Lead fault tracing and debugging activities.
- Contribute new ideas to continuously improve the product and product portfolio.
- Collaborate with developers, test engineers, system architects, and safety engineers.
- Take on cross-functional tasks depending on project needs.

What you bring along:

- 5+ years of experience in C and C++ .
- Strong background in real-time embedded systems development.
- Experience with System Design involving AUTOSAR nodes.
- Professional experience in the automotive industry.
- Knowledge of UDS (Unified Diagnostic Services).
- Understanding of automotive communication protocols, preferably CAN.
- Familiarity with ISO 26262 and automotive cybersecurity standards.
- Experience working in multicultural environments.
- Strong communication skills; able to initiate discussions and lead when needed.
- Experience with Elektra.
- Ability to lead cross-functional tasks.
- Strong analytical thinking.
- Experience with System Weaver and/or CarWeaver.
- Advanced English skills.

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:



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