



CAE / CFD Simulation Engineer

Workplace: 418 32, Gothenburg

Apply online!

What to expect:

- Perform and coordinate **CAE simulation activities** within areas such as crash, passive safety, NVH, durability, aerodynamics, CFD, thermal and EMC
- Execute **modeling, simulation, validation, and analysis** of vehicle systems
- Analyze simulation results and translate findings into **technical recommendations** supporting design decisions
- Collaborate closely with **design engineers, test engineers, and simulation specialists** to optimize vehicle performance, safety, and reliability
- Support correlation between simulation and physical testing
- Prepare and present **technical analysis results and documentation** according to project standards
- Ensure adherence to **CAE workflows, methods, and quality standards** used in automotive development

What you bring along:

- Proven experience in **CAE / simulation engineering**, including **FEA, CFD and/or EMC**
- Hands-on experience with CAE tools such as: *ANSA, LS-DYNA, ANSYS, Nastran, STAR-CCM+, PowerFLOW, PreonLab, MotorCAD, GT-Suite, Dymola, Animator* or similar
- Good understanding of **CAE processes and development tools** within the automotive industry
- Experience working in an **OEM or Tier-1 automotive environment** is an advantage
- Strong analytical skills and structured way of working
- Good communication skills and ability to collaborate in cross-functional, agile teams
- Fluent in **English**, both written and spoken

With more than **54 locations throughout Europe**, the **Bertrand 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:

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