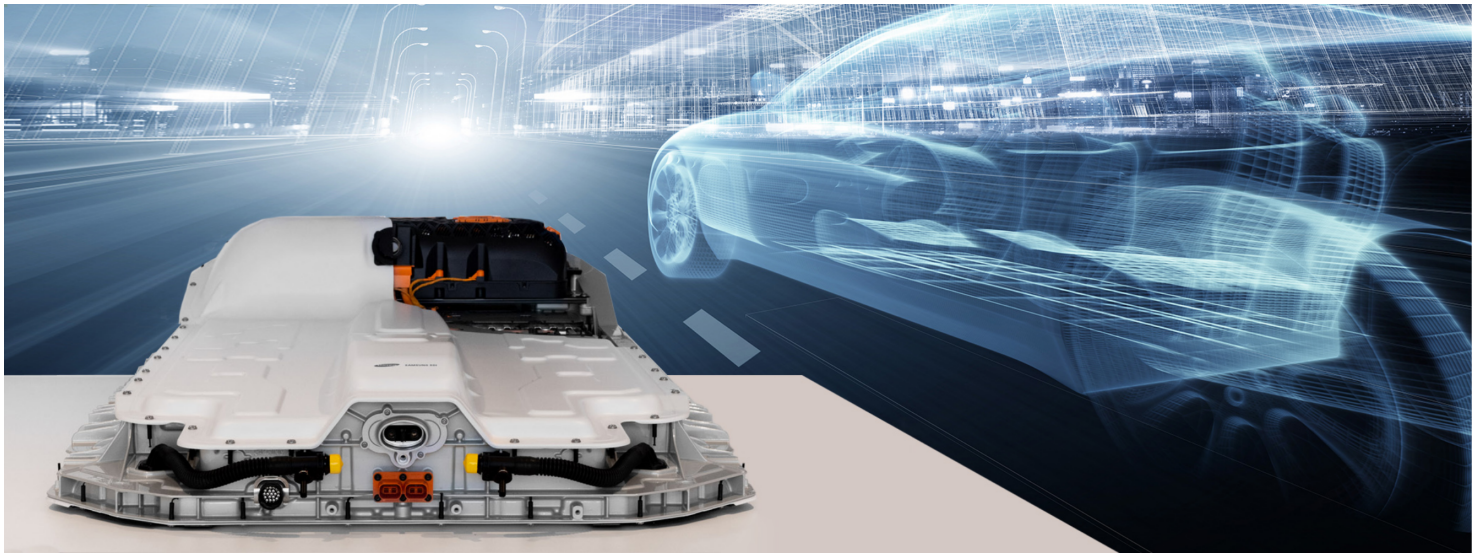




# THERMAL SIMULATION ENGINEER (M/W/D)

 **Kalsdorf bei  
Graz**

 **Full-time  
employee**



**02.10.2025**



**Engineering &  
Technical**

**With the passion of our people, we contribute to a sustainable future by creating innovative products in e-mobility for our customers.**

**Samsung SDI Battery Systems is a global technology leader in e-mobility. Together with our customers in the automotive industry, we develop, test and industrialize innovative Lithium-Ion Battery packs for hybrid and electric vehicles.**

**The technology center of Samsung SDI Battery Systems is located in Kalsdorf, Austria, close to Graz.**

## **Your core responsibilities are:**

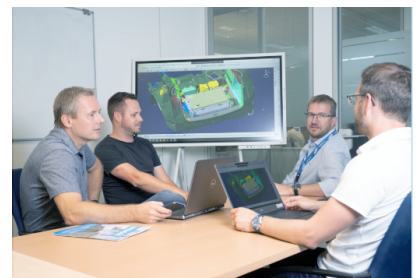
- Explore, innovate, and validate cutting-edge technologies that shape the future of mobility
- Develop innovative concepts for next-generation battery systems
- Perform 3D thermal simulation (FE/CFD) of cooling systems for automotive batteries
- Calculate gas release behavior of battery cells and its impact on the overall system
- Develop models for thermodynamic systems

## **What you need is:**



Modern work environment in an European technology center for battery development and testing

**>more about facility**



Have a say and think differently. In a team that lives the future.

**>more about working with us**

Let's be social: This is where we can connect:

- Completed technical degree (e.g. mechanical engineering, energy technology, physics)
- Experience in the thermal design of components
- Software skills for thermodynamic calculations (mostly in 3D), e.g. STAR-CCM+, Ansys Fluent, Matlab, Python
- Self-motivated, curious and driven by impact
- Strong communication and collaboration skills in interdisciplinary teams
- German language skills are a plus, but not mandatory

### Our offer for you:

With regard to the Austrian Equal Treatment Act, we offer the following annual gross remuneration (full time/38.5 hours) as a basis for negotiations for this position: EUR 53.500.-

We also offer a market-standard overpayment depending on relevant work experience and qualifications.

### Our Benefits for you:

Our most important resource? Our employees. We honor this with a multitude of benefits.



**Fun & Leisure**



**Workplace & Infrastructure**



**Sports & Health**



**Culinary Delights**



**Goodies**



**Group Premiums & Bonuses**

OUR BENEFITS FOR YOU



**Any questions? These are the people you may contact to help you.**

**Neli & Michaela**

E-Mail: [jobs.sdibs@samsung.com](mailto:jobs.sdibs@samsung.com)

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OPEN POSITIONS

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