

**POSITION: Cell Platform Design Engineer/Sr. Engineer**

**LOCATION: Frankfurt, Germany**

#### **ABOUT SVOLT:**

SVOLT is a Greentech company committed to reduce global carbon footprint by being an enabler to the automotive industry. Our goal is to provide access to affordable electrical mobility across all countries and markets. We supply lithium-ion battery technology and battery system solutions to automotive clients with significant impact on electrical vehicle driving distance, vehicle safety and system lifetime that goes beyond conventional combustion propulsion. We have successfully cultivated a start-up DNA while growing our global business beyond 200GWh of battery production capacity. In Europe SVOLT will install a Gigafactory and a Module and Battery Pack plant in Saarland, Germany with 30 GWh capacity

#### **ABOUT THE POSITION:**

The current role is based in SVOLT Europe, Germany. The candidate will report to the Cell Engineering Team Manager. The candidate will be responsible for new material development and qualification for lithium ion batteries. The candidate will also be responsible for advance technology scouting and work on future battery technology.

#### **RESPONSIBILITIES**

- Experimental design and execution of tests for the development of SVOLT's EU supply chain at the material testing level.
- Developing and improving basic compositions at cell level.
- Evaluating basic physical properties and fundamental performance of the cell components.
- Technology scouting for new technologies partners in field of Sodium Ion, Li-Sulfur, Solid State, Pre-lithiation etc.
- Work with technology partner to develop new technologies locally and integrate with global product strategy.
- Work with EU consortiums for new projects, technology demonstrations, collaborative research and innovative incubations.
- Performing as a member of a strong team, which requires prompt attendance, reliability, open discussion, and trust.
- Willingness to perform ad hoc tasks as needed, such as moving materials to/from the warehouse, and engaging proactively in troubleshooting activities.
- Compliance with SVOLT's safety culture and safe handling of material.
- Conduct the FMEA analysis and verify the robustness and safety of the designed plans.

#### **QUALIFICATIONS & REQUIREMENTS**

- Bachelor, Master degree or PhD in Material engineering, Electrochemistry or related discipline
- Excellent understanding of Li-ion battery technology and chemistry
- Experienced in material characterization and material testing
- Previous experience in cell design in a strong plus
- Strong ability to plan, prioritize and communicate on cell design activities

- Strong knowledge of Li-ion battery safety
- Fluency in English. German and/or Chinese are considered as an additional advantage

Please visit <https://svolt.jobs.personio.de/> to see all vacancies at **SVOLT Energy Technology (Europe) GmbH**.