



# KESSLER



## Mechanical Engineer (male/female)

The KESSLER-group, which has its base in Germany, is planning to start a business in Macedonia (near to or in Skopje). It is planned to form a specialized company which focuses on research & development as well as production of electrical motors and generators. Due to this plan we are looking for a creative **Mechanical Engineer** to work on all product stages from research & development to design, manufacturing, installation and final commissioning. The goal is to design and fabricate innovative and excellent mechanical components for electrical machines.

### Responsibilities

- Perform a full lifecycle product development (design, developing, test prototypes, manufacturing and implementation)
- Design systems and components that meet needs and requirements
- Conduct experiments methodically, analyse data and interpret results
- Test and evaluate theoretical designs
- Identify, formulate and produce effective solutions to emerging problems
- Evaluate final product's overall performance, reliability and safety
- Alter and modify design to meet requirements and to eliminate malfunctions
- Estimate budget and scope of project
- Prepare product reports and documentation

### Requirements

- First experience in mechanical engineering
- Familiarity with 3D engineering design and manufacturing tools (Solid Edge)
- Advantageous are experiences with product lifecycle management (PLM), finite element analysis (FEA) and computational fluid dynamics (CFD)
- Adequate knowledge of engineering analysis tools (ANSYS)
- Mathematical computing and analysis tools knowledge (Matlab, Excel, LabView, etc)
- Solid understanding of core concepts including mechanics, kinematics, thermodynamics, materials science etc.
- Creativity and analytical skills
- Ability to communicate technical knowledge in a clear and understandable manner
- Technical writing skills
- Basic language skills in English or German
- BSc or MSc degree in Mechanical Engineering
- Ability to combine mechanical and electrical aspects

### Our offer

- We provide an attractive job opportunity to a high-potential graduate from university
- Employment in the KESSLER group, who has a history of more than 90 years in the development and production of electrical machines
- Stage of 6-12 months in our company in Germany; costs are taken by KESSLER
- Best possible prospects for the future

### We look forward to receiving your job application!

We look forward to your complete job application documents. This should include a **cover letter**, a **photograph** and a **CV**. Please enter additional information about your salary expectations and earliest possible starting date.

### Send your application to:

**Mrs. Melanie Gölz**

Franz-Kessler-Straße 2, 88422 Bad Buchau

Telefon: +49 (0) 7582 809 - 276

Fax: +49 (0) 7582 809 - 5276

E-Mail: personal@franz-kessler.de