

MUSTER AG  
Herrn Max Mustermann  
Musterstraße 2  
99999 Muster

Date

**Application for Team Leader Technical Calculation Structural Mechanics and Thermics  
Job ID: ABC-123**

Dear Mr. Mustermann,

Thank you very much for the friendly and highly informative phone call on XX.XX.XXXX. Your explanations have strengthened my impression that supporting production lines in the design of mechanical systems through concurrent simulation is an exciting and challenging endeavor. I am delighted to learn that a position matching my skills and expertise has been advertised.

With my background in mechanical engineering, specializing in "Technical Calculation" and "Materials Science," along with my PhD in material development, I possess comprehensive knowledge in the field of technical mechanics and structural durability, as well as in the development of new and advanced calculation methods, including the Finite Element Method (Abaqus/Python). During my Master's thesis, I simulated the structural durability and damage evolution of composite materials using Abaqus/Python.

In my recently completed and highly successful PhD, I collaborated with an external industrial partner to develop innovative metallic high-performance materials. I developed and validated simulation models to address thermal issues (using Ansys, Abaqus, Python). As a project leader, I coordinate complex development tasks with national and international partners. I bring along strong team and communication skills, as well as proficient English language skills, both written and spoken. Furthermore, I have demonstrated my initiative and dedication through timely preparation and presentation of project proposals on multiple occasions.

The opportunity to contribute my expertise to shaping the mobility of tomorrow is highly motivating for me. I am eager to contribute to MUSTER AG in shaping the future through innovation.

I would be very pleased to have the opportunity to convince you of my abilities in a personal interview.

Best regards,

*Unterschrift*