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ROBERT BOSCH GMBH

Herrn Michael Müller
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APPLICATION FOR AN INTERNSHIP IN PRODUCTION ENGINEERING

Dear Mr Müller,

how can complex manufacturing processes be made more efficiently - without compromising on quality and cost-effectiveness? This question not only concerns me during my studies, but also in my daily work. That's exactly why I'm interested in an internship at Bosch: to help design innovative solutions that combine technical expertise with new ways of thinking.

My mechanical engineering studies at the Karlsruhe Institute of Technology gave me a sound knowledge of design and production technology. As a working student in production planning at Müller GmbH, I was able to deepen this knowledge in a practical way. Most recently, I was involved in the replanning of an assembly line, where the integration of a new product and the optimisation of cycle times had to be combined. Among other things, I was responsible for analysing the bottlenecks and developing a capacity model - a project that taught me to think about technical and organisational aspects together. Whether it's introducing new IT systems, coordinating with interface areas or creating capacity plans, - I work in a solution-orientated way keeping my eye on the goal and actively contributing to the team.

During my internship at Fuchs AG, I was also able to develop my technical skills in a design-related environment. My involvement in the redesign of a gearbox housing to make it lighter and easier to assemble was particularly valuable. I supported the CAD-based revision, carried out FEM calculations and helped to analyse load tests, which sharpened my eye for practical solutions and efficiency potential in product development. It was particularly exciting to mediate between design specifications and production reality - a challenge that I would also enjoy in an internship with you.

What characterises me is an analytical approach combined with a practice-oriented eye for detail. I enjoy working in a team, contributing ideas and taking responsibility. The interplay of technical precision and creative solutions has had a lasting effect on my enthusiasm for production technology - I see an internship at Bosch as an opportunity to contribute my previous experience in an international technology group and to gain new impetus for my professional future.

I am available from [month/year] for an internship of [duration] months and look forward to the opportunity to explain my motivation and skills in more detail in a personal interview.

Sincerely

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