

Sharing Knowledge!

Thanks to our software for optimizing gears and designing gearboxes,

- Radio telescopes can listen into the universe and wind turbines can generate electricity
- Electric cars travel quietly, and sports cars set new acceleration records
- Robots move powerfully and precisely, and rear-view mirrors can be tilted at the touch of a button
- Cranes lift the heaviest loads and helicopters take off safely
- And much, much more ...

Some 40 engineers, marketing specialists, software developers, translators, mathematicians, and sales engineers work closely and collaboratively together in Bubikon, Switzerland, Slovenia and India. As part of the Gleason Group, KISSsoft AG develops, distributes and provides training to users of a globally acclaimed CAE software for the design of gearboxes and optimization of gears. KISSsoft AG is an agile, unconventional and extremely prestigious company. We are one of the top players in our niche.

**We are looking for an on-site Senior Engineer – Finite Elements and Software Engineering, 80%-100%**

**Location: Bubikon (Switzerland)**

- Master or Ph.D. in Mechanical Engineering, Mathematics, Physics, or equivalent.
- Extensive experience with Finite Element Analysis (FEA) and structural mechanics principles.
- Demonstrated ability to develop and implement FEA algorithms and solvers.
- Experience with numerical methods and computational mechanics.

Additional qualifications, as a plus:

- Understanding of Object-Oriented Design (OOD) and Programming (OOP) principles.
- Advanced C++ programming expertise.
- Knowledge of mechanical power transmission systems, particularly gears and drivetrain components.

Reporting to the Heads of Development you will

- Design, develop, and enhance finite element models and applications.
- Maintain and optimize the existing FEA codebase.
- Implement new numerical methods and computational solutions.
- Ensure code quality through testing and documentation.
- Collaborate with the development team on software architecture decisions.
- Work closely with sales and support teams to understand client needs.
- Evaluate feasibility of proposed features and enhancements.
- Define technical specifications for new developments.

Further, possible work areas

- Develop and conduct internal technical training programs on FEA software and methodologies.
- Create training materials and hands-on workshops.
- Provide mentorship to junior engineers and team members
- Author technical documentation, user guides, and white papers.
- Write articles for industry publications focusing on power transmission, gears, and drivetrain technology.
- Present papers at technical conferences and industry events.
- Contribute to continuous improvement of the development processes.
- Identify opportunities for product expansion and improvement.

Your future colleagues

- Team of about 20 Developers across multiple expertise levels with backgrounds in Mechanical Engineering, Software Engineering, and Mathematics, based in Switzerland, Slovenia, and India.
- Department leaders striving for servant leadership and flat hierarchies, who value your competence, knowledge and ideas.
- We live a culture of open discussions, involving colleagues from different domains and with different levels of knowledge to foster out of the box thinking.

Workplace

- At our headquarters, Bubikon, Switzerland.
- Our offices are easily accessible by public transport and parking is provided.
- Home office is possible up to 40% depending on the respective agreement.
- Diverse working environment, currently 15 nationalities are working at KISSsoft AG

Contact Mr. Benjamin Mahr through [benjamin.mahr@kisssoft.com](mailto:benjamin.mahr@kisssoft.com) or 0041 55 254 20 50. We are very much looking forward to hearing from you!

**KISSsoft AG**

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