



Looking for a job?

With SimpleXX to your dream job - your path to success!

Thermal Engineer (f/m/d) for Aviation

Start as Thermal Engineer (f/m/d) with us into a joint and successful future. As a specialist and personnel supplier for the aerospace industry for decades and in partnership with renowned companies in the aviation industry as well as aviation pioneers, SimpleXX GmbH is looking for an Thermal Engineer (f/m/d) for the Weßling site at the next possible date within the framework of temporary employment with a takeover option. You will report to the Multiphysics Team Lead and work closely with the Energy Storage System Lead. Furthermore, you will use state-of-the-art systems to deliver rapid results and encourage innovative thinking to achieve the best solutions. Working for our client as an aviation company, you can expect challenging activities in an innovative working environment that is future-proof and offers you excellent career opportunities. Do you have a high level of self-motivation and the corresponding commitment? Does this appeal to you? Then apply for our job offer today. We look forward to receiving your application!

The following tasks await you:

- Support the thermal run-away design of the battery modules using calculation methods ranging from 1st order principles, e.g., Excel, to complex 3D CFD simulations
- Support the design process for the thermal management of the battery modules using calculation methods ranging from 1st order principles, e.g., with Excel, to complex 3D CFD simulations
- Work closely with system engineering to establish and run an efficient simulation-driven design and optimization process
- Provide detailed reports for certification purpose
- Actively support shaping processes in the department
- Work on ad hoc related tasks or projects provided by management

Your profile:

- M.Sc. or Ph.D. in Aerospace Engineering, Mechanical Engineering or a related field required
- 3+ years experience in a similar position, working on battery pack design and simulation, including thermal run-away
- Excellent skills in state of the art CFD and heat transfer modelling
- Experience with thermal networks and reduced-order modelling is required
- Strong background in fluid dynamics, heat transfer mechanisms and thermal design principles
- Work experience with CFD solver StarCCM+ and coding languages Python or Matlab is required
- Experience with system modeling and mechanical design processes is a strong plus
- Work experience with thermal network solvers (Amesim, Simscape) is a strong plus
- Clear communicator and team player
- High level of self-reliance and an autonomous, target-oriented work style is a must
- Target-oriented, driven work style with analytic problem-solving skills required
- Fluent English language skills are essential
- Working on-site is required (2 days per week homeoffice possible)
- **Submission of English resume required**

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What SimpleXX is all about:

Our additional offer - what we offer and what you can expect from us

- Generally a permanent employment contract
- Possibility of being taken over by the customer company - Recruiting strategy: temp 2 perm
- Equal pay & equal treatment model at various customers (conditions are based on the customer's pay scale groupings)
- Above-tariff remuneration with attractive bonuses and allowances
- Christmas and vacation bonus
- Payment of special bonuses
- Different working time models: from 35- to 40-hour week and a working time account at your disposal (combination between time off in lieu or payment for overtime worked)
- Possibility of home office in consultation with our client
- Up to 30 days annual leave
- Employer subsidy for public transport
- Additional bonuses: Successful employee referrals are paid extra (placement bonus)
- Employee support: An excellent employee support (quick feedback on administrative questions and in case of additional support - human, personal and qualified advice as well as multilingual)
- You will be provided with professional protective and work clothing according to the conditions of deployment and deployment activity
- You will receive excellent medical care through our cooperation with various company medical centers (assumption of costs for health examinations)
- Support through further training and qualification opportunities as required during the project period within the scope of your activities
- Company pension plan with employer subsidy
- Employer subsidy for capital-forming benefits optional
- Expat partner: we also accompany our employees on the particularly attractive and popular foreign assignments
- Of course, SimpleXX is also happy to be your partner in the future, especially when it comes to other customer companies (whether for direct placement or employee leasing). We work with well-known clients throughout Germany (innovative and leading national and international client companies)

Place: Weßling

Start: earliest date possible or by arrangement

Please send your application documents (**English CV**, references, certificates, salary expectations) with the subject line **Thermal Engineer (f/m/d) for Aviation** to bewerben@go-simplexx.de.

You will find further interesting job offers in our job exchange on our homepage: <http://www.go-simplexx.de/special-pages/jobboerse-liste/>

In addition, we also have personnel demands for which there are no published job advertisements. For this reason, a speculative application to us is worthwhile at any time. Take the chance and become part of our network. We are looking forward looking forward to meeting you: initiativbewerbung@go-simplexx.de

SimpleXX points out that data transmission on the Internet (e.g. communication by e-mail) can have security gaps. A complete protection of the data against access by third parties is not possible. Therefore, please use our online form for applications. If you nevertheless decide to apply by e-mail, please agree to our data protection declaration in the e-mail text. Otherwise, applications cannot be considered.

<https://www.go-simplexx.de/footer/navigation/datenschutzerklaerung/>



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SimpleXX GmbH specializes in recruitment and personnel services and supports its customers in filling vacancies and project vacancies in IT & Engineering, Automotive, Financial Services, Online Portals, Telecommunications, E-Commerce, Aviation, Space, Defence, Industry, Medical, Rail, Legal, Controlling and Retail.