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## SOFTWARE APPLICATION DEVELOPER (M/W)

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The Fraunhofer Institute for Nondestructive Testing (IZFP) in Saarbrücken is one of the 69 institutes of the Fraunhofer-Gesellschaft, one of Europe's leading applied research organisations. With our 115 employees, we are among the most renowned institutes in the field of nondestructive testing. As a research facility and a partner to industry, the institute addresses physical methods of nondestructive testing, the characterisation of materials, the supervision and monitoring of manufacturing processes and system components, and the determination of the condition of existing infrastructure.

We offer dedicated applicants challenging tasks with responsibility and room for creativity.

For the earliest possible start date we are searching for a qualified **Software Application Developer (m/w)**, acting as a strong technical lead for a key strategic software development project aiming at implementing a new modularized platform for our ultra sound products for nondestructive testing, to join our team at the Fraunhofer IZFP in Saarbrücken.

### What we expect from you

- A completed academic scientific university degree in the field of software
- Fluent in C++, object oriented software development principles (e.g. design patterns, UML and other design models) as well as Microsoft technologies
- At least 3 years of proven experience as technical leader of software development projects (choosing the right technologies, architecture, and design of the software products)
- Good knowledge across all layers of the software products stack (drivers for hardware, business logic, GUI)
- Experience in agile software development preferred
- Good Linux knowledge preferred

### What you can expect from us

As a motivated new member we will give you the opportunity to:

- Determine functional and nonfunctional requirements together with the project acquisition team
- Develop the architecture and design of the platform resulting from all

- requirements and earlier versions of the software
- Oversee progress of the development team and ensure consistency with original goals
- Act as technical expert and coach for all team members
- Observe technology changes and make sure our products stay up to date
- Contributes to the project as senior developer

Remuneration up to TVöD pay grade 14 (dependent on qualifications).

The position is initially limited for 3 years

In case of identical qualifications, preference will be given to severely disabled candidates.

The Fraunhofer-Gesellschaft is committed to providing equal career opportunities for men and women.

Fraunhofer is Europe's largest application-oriented research organization. Our research efforts are geared entirely to people's needs: health, security, communication, energy and the environment. As a result, the work undertaken by our researchers and developers has a significant impact on people's lives. We are creative. We shape technology. We design products. We improve methods and techniques. We open up new vistas.

Kindly send your application with all the necessary documents, quoting the code number, to:

Fraunhofer-Institut für Zerstörungsfreie Prüfverfahren IZFP  
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Campus E3.1  
66123 Saarbrücken

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E-mail: [bernd.valeske@izfp.fraunhofer.de](mailto:bernd.valeske@izfp.fraunhofer.de)

will be glad to answer any questions you may have relating to this position.

<http://www.izfp.fraunhofer.de>

Job Reference: IZFP-2017-16

Closing Date:

31.12.2017

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