

FTEC Project: Full-stack software engineer for CERN's PLM platform

Department:

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Description:

You will join the DevOps team in the Product Lifecycle Management Service. You will help to build, integrate and support applications based on CERN's next-generation PLM Platform, that is to be delivered in 2021 in replacement of existing software. You will be working in a dynamic agile team and will be given the opportunity to specify, design and deliver functionalities that integrate and extend the use of the future PLM platform.

Functions and training value:

Typical application areas in which you will work are: CAD Data Management, 3D model visualization, Engineering Document Management, integration with other information systems, quality of legacy data.

Your work will consist of:

- Designing and developing front-end applications using React, Angular, JavaScript, HTML5, CSS,
- Designing and developing back-end applications using Java, Spring, .NET,
- Extending CERN's new PLM platform using .NET,
- Maintaining the existing PLM platform before its replacement,
- Performing code review, testing, delivery and support of the software,
- Integrating and linking enterprise applications,
- Performing data analysis and data migration.

Qualification / skills required:

- Master's degree in Computing or similar
- Working knowledge of Object-Oriented Programming (Java or .NET)
- JavaScript (and its interplay with HTML5 & CSS), Git
- Knowledge and experience of relational databases and SQL will be a strong asset