



Integration of modern Web technologies across CERN's network management applications

Code	IT7604
Programme	FCT
Department	IT
Responsible	26206 - Dr. Antony Cass
Title	
Integration of modern Web technologies across CERN's network management applications	
Description	
<p>CERN's network and telecommunications infrastructure are essential to all activities of the laboratory. It supports CERN's high-performance data centre network, technical network, and over a hundred thousand of user devices.</p> <p>This infrastructure is modeled, configured and managed using an internally developed suite of web applications built with state-of-the-art technologies: Java, Spring, AngularJS, Grails, and Oracle.</p> <p>Following a great experience with modern and industry standards Web technologies (AngularJS, REST, Maven, Docker) in the new network registration application (LanDB Portal), we want to integrate these technologies across all applications developed by the team in order to homogenize our workflow and increase our development velocity.</p> <p>The selected candidate will be part of an agile software team of talented young developers, will contribute to integrate these technologies and will participate in all aspects of software development (design, coding and support) in all Web applications supported by the team.</p>	
Skills	
Databases: Oracle. Information Technologies: Building web applications (e.g. with jQuery, HTML5), Using software development tools (e.g. Git, Jira, Trac), Using web application frameworks (e.g. Django, GWT, APEX). Programming Languages: Java, Javascript, SQL, PL/SQL or similar	
Disciplines	
Information Technologies	

To edit this project go to https://hrapps.cern.ch/auth/f?p=131:4:::::P4_ID:7604