Reference	IT-CDA-161
Project/ Activity	CERN Search Service Evolution and Maintenance – Implementation of CERN Search Strategy
Duration	1 year, renewable (maximum 2 years)

Profile

Bachelor's degree in Computer Science or equivalent technical experience.Good knowledge of Web technologies (HTTP, HTML, SOAP, XML) as well as full stack Web development (React , Python), Knowledge of and experience with software container technology, Kubernetes, Elasticsearch, and scripting techniques for computer configuration, automation and system administration would be an asset.

Description

Working on the next generation of the CERN Search service, work on the implementation, rollout and maintenance of Search as a Service, offered individually to document collection owners (Indico, EDMS, CDS, TWiki, Web sites). This enables us to deliver an aggregation of several smaller Search as a Service instances, increasing the flexibility for the different document collections and reducing the maintenance efforts needed to run the service. In addition one globalSearch as a Serviceinsatance will be set-up to allow searching across all collections.

Specific details