Job Mission

The server must detect (upcoming) system failure and identify what corrective actions are needed via a knowledge and procedure database. In the calibration phase this server will initiate the required service actions on the scanner with correct settings and timings (which is highly configuration dependant)The software running on that server will be JEE based. Core aspects of the design will be database management and information distribution (worldwide), performance efficient data collection schemes and data to information transitions. A team of architects has been working out the high level concepts and some parts of the software are being build and tested now. PC based Java versions are available and now to be migrated to client-server. The team needs to scale up with 2 or more developers/engineers that have profound JEE knowledge and are eager to become part of this product development team.

Job Description

-Support the architects in the translation from high level design to work-break down.

-Contribute to the domain architecture pictures

-Maintain the domain/solution.

-Interface Design between JAVA EE modules and when needed the factory SAP environment.

-Define software deployment strategies and execute them in case it is required.

-Define test strategies and software tests, set-up (automated) testing.

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Education

MSc or PhD in Computer Science or Information Technology.

Experience

-Commercial experience with Java EE — strong preference for Java 8, or 7 acceptable.

-Experience with Java application servers and/or JEE servers, any of:

- JBoss (a.k.a Wildfly)

- Docker / containers

- Openshift

- IBM Websphere

- BEA/Oracle Web Logic

- Apache Tomcat or TomEE

- Jetty

-JPA experience with "Hibernate". We use this API to interact with the database.

-Apache Maven or Gradle as a build and dependency management tool.

-Git as the source code control system.

-Atlassian tool suite that includes BitBucket/Stash, Confluence and JIRA.

-Configuration management experience with Chef, Puppet or Ansible.

-Monitoring with tools like Nagios.

Personal skills

-Flexible person, able to work on multiple deliverables, issues in parallel.

-Can do mentality, picks up the tasks that are needed regardless of the content

-Eager, enthusiastic.

-Willing to participate in a project that will take multiple years to complete.

-Works in close cooperation with the project leader, signals bottlenecks on times and with potential solution options.