
About the company

Qplox is a fast-growing company offering test and automation engineering. Headquartered in Leuven, with offices in Barcelona and Eindhoven.

Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our Test automation group offers a one stop shop for design of automated test benches, system integration production, lab automation and data acquisition systems, with a growing focus in IoT sensor networks.

Our consultancy department offers services in RF, semiconductors and electronics design and test, as well as on the crossing roads of Nanotechnology, Bio-Science Engineering and Biotechnology.

Job Description

The MRS-based LakeHouse solution is fully compatible with open-source big data analysis technology stacks such as Spark, Flink, Hive, and Presto. In addition, it provides a self-developed high-performance online analysis engine. Based on the leading storage-computing separation architecture, converged metadata, and converged table engine, we provide high-performance and high-availability converged analysis capabilities for one-stop stream processing, batch processing, and interactive query. Welcome to join us. You will work with top experts in the big data analysis domain at home and abroad.

1. Undertake the pre-research and software development of key technologies for LakeHouse service products and develop future-oriented and industry-leading data analysis technologies.
2. Build up cloud services with leading technologies and excellent experience through industry comparison analysis, listening to customer's feedback, and problem analysis.
3. Participate in technical competitions of key customer projects of LakeHouse product, tackle challenges and problems, support the success of data analysis customer projects.

Location: Amsterdam

Candidate Description

1. Proficient in C, C++, Java, and Python.
2. Have a good knowledge of data platforms, such as data warehouse, big data, and data lake warehouse.
 - Be familiar with the SQL optimizer and executor of the data system. Experienced in Cost-Based Optimizer and Adaptive Query Execution is preferred.
 - Experienced in open-source big data, familiar with open-source big data technologies, such as Spark/Trino/Presto/Flink/ClickHouse, is preferred.
 - Vectorization/Query Compilation experiences are preferred, for example, familiar with SIMD programming, CodeGen/LLVM, Arrow vectorization processing, etc.
 - Experienced in LakeHouse transactional data systems is preferred, e.g. familiar with Delta Lake, Iceberg, Hudi;
3. Have experiences in the development or maintenance of cloud computing, high-performance computing, or distributed systems, experiences in cloud service development, DevOps practice, and code contributors/committers to big data open-source community projects are preferred.

4. Clear working ideas, good communication skills and technical learning skills, good coding habits, strong self-study ability and self-improvement desire.

We offer

An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject "**Senior LakeHouse Service R&D engineer**".
