

## Staff - Java Developer - GemStone

The GemStone Engineering team is looking for a highly motivated, team player to work as a software engineer on our SQLFabric team. We work on cutting edge data management products that transform the way businesses operate. SQLFabric is a Memory oriented distributed SQL data management system designed to provide very high throughput with predictable latency for applications with high scalability and availability requirements. The product can be used as a high performance middle tier cache or a distributed data store. We work with many technologies including: distributed systems, continuous querying/stream processing; materialized views; multi-query optimization; distributed querying; scalable distributed data structures; concurrent data structures; main-memory databases; fault-tolerance paradigms; p2p network topologies.

More information about SQLFabric can be found at  
<http://community.gemstone.com/display/sqlfabric/SQLFabric>

SpringSource/GemStone, a division of VMware, Inc., (NYSE: VMW) and the leader in Java application infrastructure and management, provides a complete suite of software products that accelerate the entire build, run, manage enterprise Java application lifecycle. The GemStone product line provides the infrastructure necessary for emerging cloud-centric applications, with built-in availability, scalability, security and performance guarantees. Modern applications require new approaches to data management, given they will be deployed across elastic, highly scalable, geographically distributed architectures. With GemStone's data management solutions, customers will be able to make the right data available to the right applications at the right time within a distributed cloud environment.. For more information visit: [www.gemstone.com](http://www.gemstone.com)

### Responsibilities:

- Participate in specification, design, implementation, QA testing, evangelism and support of the product, as well as improve existing features and product performance.
- Work on a small team (4-10) engineers on a daily basis, using Agile engineering practices.
- Benchmark with other relational databases and identify opportunities for optimization
- Integrate the product into data eco-systems including private and public cloud infrastructures
- Interact with the developer community and build a community presence for SQLFabric
- Work with technical writers and trainers.

### Required Skills:

- MS Computer Science or equivalent, with coursework or experience in distributed systems.
- 10+ years Concurrent Java programming skills (rapid development, testing, and profiling).
- Understanding of distributed computing and large scale networks

- Experience with Derby internals or H2 highly desirable
- Experience with distributed querying, query planning and query optimizations highly desirable
- Experience with distributed transactions highly desirable
- Experience with MySQL Cluster internals desirable
- Ability to master new technology and application domains (e.g. financial, scientific, and industrial).
- Keen understanding of state-of-the-art techniques and trends in data management and testing of distributed systems.
- Team player.
- Outstanding attitude and energy.
- Excellent communication skills.