

*Genetwister is an innovative Dutch biotechnology company specializing in molecular breeding and bioinformatics of agricultural, horticultural and ornamental plants. Through our research projects and tools we help our shareholders and customers improve vegetable and ornamental crop quality to enable more sustainable farming and a more reliable food supply for the future. We develop software for database management and perform data analysis and data mining for our shareholders, five internationally renowned breeding companies we are proud to serve.*

As part of our ambition for further growth of the company, Genetwister has a vacancy for a

## ***Senior Software Developer (Backend)***

### YOUR POSITION

The Senior Software Developer (Backend) is a member of our software development group that performs research activities by applying cutting-edge technologies to analyze and visualize complex bioinformatics data. As a software developer with a focus on backend, you will be responsible for the design and implementation of user requirements in a service-based distributed architecture. You will have also the opportunity to contribute to the strategic direction of software development at Genetwister. You will work in a multidisciplinary team of software developers, bioinformaticians and system administrator and report to the head of the software development team.

### YOUR PROFILE

#### *Education and knowledge:*

- Bachelor- or Master Degree oriented to Information Technology with focus in Software Engineering.

#### *Experience and technology skills:*

- 4+ years of experience programming with an object-oriented language (preferably Java or Scala).
- Experience in performance optimization of Java technology-based applications in terms of volume of data, speed and latency.
- Experience working in an agile environment. Familiar with version control (preferably git) and continuous software integration (Jenkins).
- Proven expertise in API design and development.
- Ability to obtain user requirements and design software solutions.
- Capable of analysing and resolving intricate and complex technical challenges applying the most appropriate technology or framework.
- Working experience (or specific knowledge) with NoSQL and graph databases and Spark is desirable.
- Experience or understanding of Parquet and Hadoop.
- Experience with Docker, Rancher or Kubernetes is desirable.
- Experience with Spring is desirable.

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*Personal skills:*

- You are able to communicate fluently in English.
- You are excited about learning new methods/technologies and applying them.
- Team player: you must be able to work in a cross-disciplinary team in a dynamic product development environment.
- Self-starter attitude, flexible and ability to take ownership of project responsibilities.
- You are able to mentor and/or guide other developers to benefit from your expertise and learn how to apply it.

WHAT WE OFFER

Genetwister offers you a challenging job in a commercial applied research environment. You will work in a passionate and research-oriented team with emphasis on new technologies and innovation. We deviate from traditional approaches in terms of the design of our software products: all the members of the software development team can and should contribute through introduction of new ideas and work in a highly collaborative way. You will have the possibility to attend conferences and receive trainings to stay up to date with the software engineering landscape and further develop yourself professionally.

If you are thirsty to develop and apply the most innovative software technologies, we are waiting for you. Please mail your CV and a brief motivation letter before September 15, 2020, to Annemieke Jungerius, Head of Operations at [A.P.Jungerius@genetwister.nl](mailto:A.P.Jungerius@genetwister.nl). You can also contact Lidija Berke, head of bio-informatics and software development, in case you have questions about this vacancy at [L.Berke@genetwister.nl](mailto:L.Berke@genetwister.nl).

*Acquisition further to this advertisement is not appreciated.*