Working Student: Web Development Investment Search (f/m/div).

Take-Home Assignment.

Develop a simple web application that ranks companies in order of relevance to a given search term. The application should consist of a backend with endpoints to insert new companies to the database and search for companies based on a search term and return them ordered by relevance. You should create a database to store company information such as name and description. A frontend will be required to allow users to submit search terms and display a list of companies ordered by relevance. Additionally it would be of benefit if a user can add new companies to the system.

Submission Instructions.

* Provide a GitHub repository link with the complete source code.
* Include a README file with instructions on how to set up and run the application locally using Docker.
* Optionally, include instructions for deploying the application to OpenShift.

Evaluation Criteria.

* **Code Quality:** Clarity, readability, and maintainability of the code.
* **Functionality:** The application should meet the requirements and work correctly.
* **Design:** User interface and user experience of the frontend application.
* **Documentation:** Clear and comprehensive instructions in the README file.
* **Communication:** Concise and thought-out ability to explain your application.
* **Bonus:** Effective use of caching and optional OpenShift deployment.

It is important that what you submit works, but it doesn’t have to be a perfect complete application. You decide how much or how little time you spend on it. You will be assessed based on how well you can talk about and explain what you have done.