Fullstack Developer Test

NodeIS

Please create below REST API using NodeJS:

- 1. Login API
 - a. The API should validate username and password
 - b. List of valid username and password should be stored on a DBMS
 - c. Any DBMS is allowed
 - d. The API should implement JSON Web Token (JWT)
- 2. Get job list API
 - a. The API should be secured with JWT Authorization
 - b. The API should make http request to http://dev3.dansmultipro.co.id/api/recruitment/positions.json and return jobs data as response payload.
 - c. The API should provide "search" functionality tearch for jobs by term, location, full time vs part time, or any combination of the three. All parameters are optional.

Parameters

- i. **description** A search term, such as "ruby" or "java". This parameter is aliased to search.
- ii. **location** A city name, zip code, or other location search term.
- iii. **full_time** If you want to limit results to full time positions set this parameter to 'true'.

Example

http://dev3.dansmultipro.co.id/api/recruitment/positions.json?description =python&location=berlin

d. The API should support pagination

Example

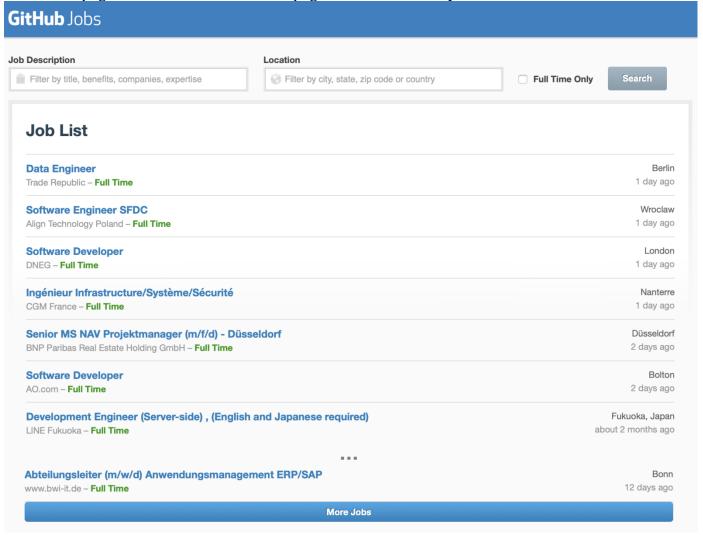
http://dev3.dansmultipro.co.id/api/recruitment/positions.json?page=1

- 3. Get job detail API
 - a. The API should be secured with JWT Authorization
 - b. The API should make http request http://dev3.dansmultipro.co.id/api/recruitment/positions/{ID} and return job detail data as response payload.

ReactIS

Please create ReactJS application as client of REST APIs that has been created with NodeJS. The application should have following pages:

- 1. Login page
- Job list page The page should have "search" and pagination functionality

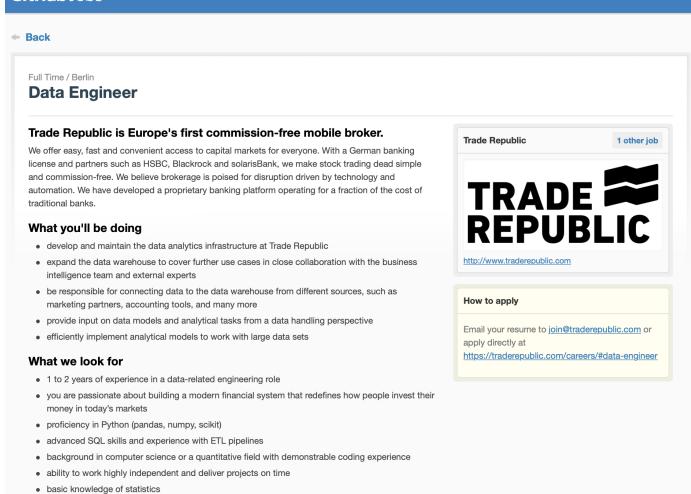


3. Job detail page

• fluent English skills, German is a plus

Tableau, and interest in distributed data processing are a plus

GitHub Jobs



Note: The job list and job detail image above is an example app with minimum expected functionality. UI design can be modified without reducing functionality and information.

• Optional: First experiences with R, regression models, or self-service BI tools such as Metabase or