



Backend Software Developer Exam

1. Install Java/JDK v21 on your machine or a remote server
2. Install Elasticsearch in the version of your choice on the server.
3. NOTE: Make sure that the Elasticsearch version supports Java 21 according to the support matrix. You can use another JDK version but install a compatible version of ES and the Java frameworks you use.
4. Create 3 REST API endpoints using JAVA and deploy them on the remote machine.
 - a. API/Web service to create an index in your new Elasticsearch server
 - b. API/Web service to create a document in the index you created
 - c. API/web service which return the Elasticsearch document (created in the previous step) by id

Important notes:

- This task consists of 2 parts - machine setup and creating the API.
- Don't hesitate to write "dirty" code and use third-party libraries
- Don't use Docker

Required output:

- Please send a GitHub repo with your code
- Attach a video showing the code running on your machine - can be uploaded to any hosting service