

# PORTFOLIO JAVA WEB APP

v 5.0 Jan 2020

## DESCRIPTION

Build a simple portfolio Java web app that displays the profile image, name, some text with the experience and a 5 tweet list of the user's Twitter timeline.

The second part should be a very simple API with 2 endpoints of the profile content.

## PART I

Build a simple portfolio page with the user info, image, title, text description and a list of 5 tweets of the user timeline. Do not pay much attention to the UI/ design side of things. The focus of the test should be the back-end side of things.

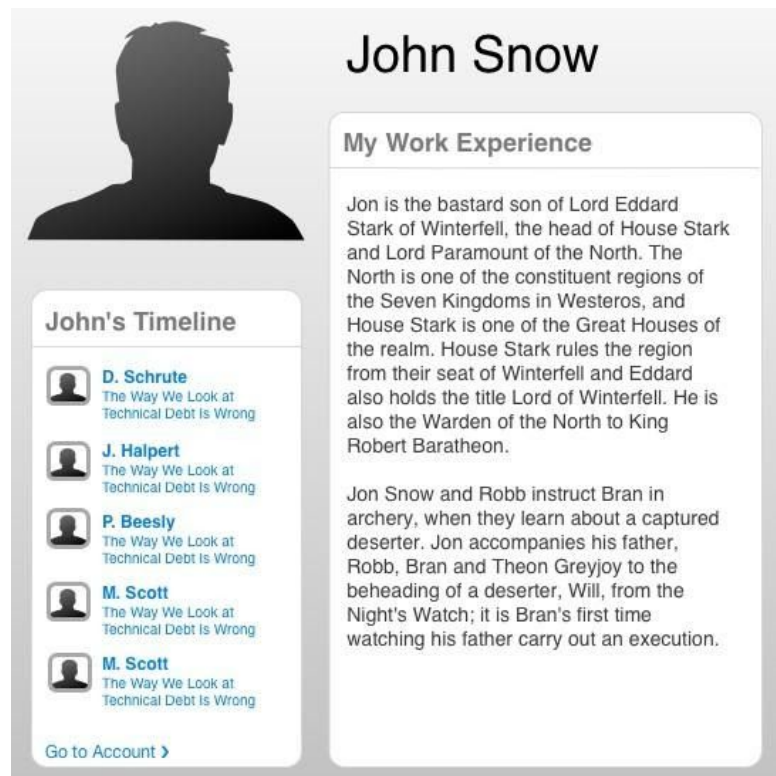
All information must be pulled from the database detailed below in the resources section.

Use the Twitter API for pulling the user tweets. Feel free to use any library or module to make the connection.

The following image is a proposed design but the developer is free to choose any design or layout he/she desires.

All information must be pulled from the database detailed below in the resources section.

Us the Twitter API for pulling the user tweets:



[https://developer.twitter.com/en/docs/tweets/timelines/api-reference/get-statuses-user\\_timeline](https://developer.twitter.com/en/docs/tweets/timelines/api-reference/get-statuses-user_timeline) Feel free to use any library or module to make the connection.

## PART II

Create a very simple REST API with two endpoints that allows the consumer to get and modify the profile information. Make sure it complies with the REST specification.

## TERMS

- Feel free to choose the Java frameworks and/or libraries of your preference to develop both parts of the test and its features (API, data access, views, Twitter integration, etc).
- Ideally use JDK11+
- Include some sort of unit tests (e.g. E2E, integration, etc)
- Be aware of DB data. The provided db user has full grants, feel free to insert new registries but take care when updating or deleting the existing data.

## DELIVERABLES

- Complete source code in a public repository on github or bitbucket.
- Readme file with: **Detailed** steps to to get the application up an running: software prerequisites, steps to build the app, technologies used, etc, as well as the total time (in hours) it took you to complete the test.

## RESOURCES

DataBase MySQL 5.6:

- › Server: [zemoga-test-db.crhpedy9xxto.us-east-1.rds.amazonaws.com](https://zemoga-test-db.crhpedy9xxto.us-east-1.rds.amazonaws.com)
- › Port: 3306
- › User: zemoga\_test\_db
- › Password: Zem0ga.101
- › Table: portfolio

Twitter API:

In order to have access to Twitter's API, you need to create a developer account and get the keys and tokens. If you don't have or don't want to create one, feel free to use these:

API key: KRy7l0v8wex3w8Sy5zThai3Ea

API secret key: X2eBm0Y21kYEuR74W3Frqc2JVIizOj8Q1EVGatDsEVVEJo0ucu

Access token: 1220032047516921859-otvXjhExyUTZ5GLxssc9h5ORqtPZja

Access token secret: tmJKqM4ORfQW6CH7wIVV8uKNpmSEmeFAP8lYwGb19uYjj

We really appreciate your time in completing this test. Feel free to contact us if you have any questions/comments.