Back-end Developer Interview

Part 1: Technical Challenge

If you choose to write in .NET or Java, please bring your laptop in for the pair programming segment as not all of our dev interviewers have this set up on their computers.

Given the attached .csv file of music albums, create an API with the following features:

* CRUD operation endpoints for albums.
* An index of artists.
* An endpoint for a particular artist that includes a listing of the artist’s album(s).

We expect this challenge to be completed by you alone.

Use any language/framework that you would like.

We will review your code together during the in-person interview at our office so please include a README so we can set up your project.

**Extra Credit (required for Senior Positions):**

Create an endpoint that returns genres ranked by number of albums or list the years with the most albums.

Part 2: Assessment and 1:1

You will have a scheduled in-person interview at our Boulder office with one of our engineering managers followed by a pairing session with one of our developers. At this interview, come prepared to discuss and explain your technical choices, thought process, etc. for the technical challenge.

Our office is located at 902 Pearl St. in downtown Boulder. If you’re unfamiliar with parking in Boulder, there is paid street parking and the nearest garage is at the St. Julien Hotel.