

Backend Coding Challenge

Purpose

As part of Solstice's hiring process, we ask interviewees to complete a small project to help assess skill, experience, ingenuity, problem-solving and knowledge.

Scope

Develop a RESTful API that would allow a web or mobile front-end to:

- Create a contact record
- Retrieve a contact record
- Update a contact record
- Delete a contact record
- Search for a record by email or phone number
- Retrieve all records from the same state or city

The contact record should represent the following information: *name, company, profile image, email, birthdate, phone number (work, personal) and address.*

Also please provide a unit test for at least one of the endpoints you create.

Notes

Feel free to make whatever assumptions you need to about required fields, data formats and validations; document whatever assumptions you make. The data can be persisted in whatever persistence layer that you want. The solution should be deployable on a public cloud platform such as AWS or Azure.

Please send it back to your Solstice recruiter once completed, along with a description of what you did and instructions on how to run and test your solution. Also provide documentation on your API endpoints with sample test data. We ask that you please submit your project at your earliest convenience (within 24-48 hours).

If you're applying for a position with a specific language skill, use the specified language. For example: "Senior Java Engineer" applicants should use Java to solve this problem. ".NET ..." use .NET. If not specified, use the language of your choice.