

# Evotent Health - Project exercise for Application Development Positions

## **Project Description:**

Design and implement a production ready application for maintaining contact information. Please choose the frameworks, packages and/or technologies that best suit the requirements.

## **Minimum expected functionality:**

- List contacts
- Add a contact
- Edit contact
- Delete/Inactivate a contact

## **Minimum Contact model fields:**

- First Name
- Last Name
- Email
- Phone Number
- Status (Possible values: Active/Inactive)

Please upload to a public GitHub repository, create README describing the organization and folder structure of the application, and instructions on how to run the application. In addition, you have the option to host it and send us the link(s) where we can access it, if feasible. Time is not a factor, we are looking for good software design practices and coding standards. The definition of Production ready here is not just depth in functionality but the various components that go in to building a production quality application – build & deploy tooling, Unit testing, architectural patterns such as Dependency Injection, etc.

From the below please choose the appropriate requirement for the position you are applying for.

### **.NET Software Engineer (All levels)**

Design and implement a .NET REST API with appropriate data storage solution for the defined project.

### **JavaScript Software Engineer (All levels)**

Design and implement a Single Page Application (SPA) for the defined project.

### **Drupal Software Engineer (All levels)**

Design and implement a Drupal based application for the defined project. Please use [Forms API](#) to build a module (do not use webforms module) to create a form to create new contacts. Please use the Features module to export the schema and data. Then upload to a GitHub repository so that the application can be rebuilt and run on other's machine.