Best Vision
Solutions & Services SA

To:

All candidates

Programming exercise for .NET Back-End Developer candidates

Dear candidate,

As intermediary step in our evaluation process we require candidates to perform a simple programming exercise. The results will be analyzed by our technical people in order to determine if all the required premises are met. In that case you will be contacted for a live interview.

ABC Bank wants to implement a new system to manage a list of contacts with personal data such as name, addresses, phone numbers and photos for their internal needs.

You are required to write a small .NET application with the following characteristics:
- o .NET Framework 4.7+, C#
- o Use of entity framework
- o Use of SQLite for storage
- o Handling of the following information:
  - First name, Second name
  - Addresses
  - Date of birth
  - Phone numbers
  - Personal photo
- o The .NET application should expose REST services for CRUD operations on the cited entities.
- o The .NET application should also expose some service for retrieving massively the data based on the following optional criteria:
  - Free search on Names and Addresses
  - Range of age (from/to)

To complete the programming exercise you are also required to write a small Front-End application with the following characteristics:
- o Static simple HTML page and Javascript
- o Mock to invoke all services and display results

Deliverables:
- • Source code tarball

Please send all the above required material to
a.martinez@bestvision.group and recruitment@bestvision.ch

We look forward to hearing from you.

Best Vision Development Team