

Welcome

Please create a new Web Application with Create, update and Delete (CRUD) capabilities

Candidate REST APIs

- Create a REST API which follows the following criteria:
 - The API should expose methods that allow “search”, “get”, “insert”, “Update” and “Delete” an Employees.
 - The API should require authentication.
 - A employ profile will contain the following fields:
 - ID (PK)
 - Full Name Required
 - Age (min 21 and max 60 year) Required
 - Address Required
 - Email (valid Email Format) Required
 - Title (max 200 Char) Required
 - Picture Required
 - Years of Experience Required
 - Department (IT, HR ...) Required
 - Previous Employer (Name, Country, ,Hiring Date, Leave Date)
 - Hiring Date Required
 - Skills (Lookup) Required
 - Certification (with Attachment)
 - Salary in Month Required
 - Evaluation Rate (0 to 5)
 - Bounce = $\text{Max}((\text{Salary in Year}) * 15\%, (\text{Salary in Year}) * \text{Evaluation Rate} * \text{Department Ratio})$

Consideration

Preferred Technologies

- ASP. NET Core (**MUST**)
- Web API (**MUST**)
- SQL Server (**MUST**)
- Entity Framework Core “Code Frist “ (**MUST**)
- Build a front end single page application (Angular ‘**prefer**’)

Delivery Notes

- **Provided Source Code should be well commented.**
- **Task deliverables must be delivered within 6 Hours from the date of receiving task's e-mail.**