## 



Monitoring Armenian IT Industry

Specification Doc

15.12.2018

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**Web API**

**GitHubs**

* **Get (returns all GitHub users info from database)**
* Request - /api/github
* Response
* **Get By Id (returns specific profile and repositories of that GitHub profile by id)**
* Request - /api/github/{id}
* Response
* **Get by username (returns specific profile and repositories of that GitHub profile by username)**
* Request - api/github/user/{username}
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**Linkedins**

* **Get (returns all Linkedin profiles from database)**
* Request - /api/linkedin
* Response
* **Get By Id (returns specific Linkedin profile by id)**
* Request – /api/linkedin/{id}
* Response
* **Get By username (returns specific Linkedin profile by username)**
* Request – /api/linkedin/user/{username}
* Response

## 1 Github

**1.1 Get**

Get all github profiles from database

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | /api/github |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | An array of github profiles  [  {  "Id": 2,  "UserName": "arthur-ghazaryan",  "Url": "https://github.com/arthur-ghazaryan",  "Company": null,  "Name": "Arthur Ghazaryan",  "Bio": null,  "Location": "Armenia",  "Email": "arthur.k.ghazaryan@gmail.com",  "BlogOrWebsite": null,  "StarsCount": 3,  "ImageUrl": "https://avatars1.githubusercontent.com/u/13848410?s=460&amp;v=4",  "Repositories": []  },  {  "Id": 10,  "UserName": "sirak92",  "Url": "https://github.com/sirak92",  "Company": null,  "Name": "Sirak Ghazaryan",  "Bio": "I am a software engineer experienced in designing and developing readable, maintainable and testable software for large and complex systems.",  "Location": "Armenia, Yeravan",  "Email": "sirakghazaryan@gmail.com",  "BlogOrWebsite": "https://www.linkedin.com/in/sirak-ghazaryan/",  "StarsCount": 4,  "ImageUrl": "https://avatars0.githubusercontent.com/u/12816615?s=460&amp;v=4",  "Repositories": []  }  {  "Id": 46,  "UserName": "anahit42",  "Url": "https://github.com/anahit42",  "Company": null,  "Name": "Anahit Vardanyan",  "Bio": "Free software enthusiast ✨ \r\n\r\nLove teaching 🎓",  "Location": "Yerevan, Armenia",  "Email": "vardanian.anahit@gmail.com",  "BlogOrWebsite": null,  "StarsCount": 4,  "ImageUrl": "https://avatars1.githubusercontent.com/u/7938403?s=460&amp;v=4",  "Repositories": []  }  ] |
|  |  |

**1.2 GetById**

Get specific github profile by Id

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | /api/github/{id} |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **Type** | **Param name** | **Values** |
| URL\_PARAM | id | 1106 |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | Full contact and array of repositories list of that profile  {  "Id": 1106,  "UserName": "VanHakobyan",  "Url": "https://github.com/VanHakobyan",  "Company": "@MonsterBit-Org",  "Name": "Vanik Hakobyan",  "Bio": ".NET Software Developer",  "Location": "Armenia, Yerevan",  "Email": "vanhakobyan1996@gmail.com",  "BlogOrWebsite": "https://www.linkedin.com/in/vanikhakobyan",  "StarsCount": 55,  "ImageUrl": "https://avatars2.githubusercontent.com/u/23220521?s=460&amp;v=4",  "Repositories": [  {  "Id": 6166,  "Url": "https://github.com//VanHakobyan/ISTC\_Coding\_School",  "Name": "ISTC\_Coding\_School",  "CommitCount": 14,  "BranchCount": 1,  "Readme":  …    "ProfileId": 1106,  "StarsCount": 8,  "ContributorsCount": 1,  "ForksCount": 0,  "Languages": [  {  "Id": 12280,  "Name": "C#",  "Percent": 100.00,  "RepositoryId": 6167  }  ]  },  {  "Id": 6168,  "Url": "https://github.com//VanHakobyan/ProjectsGroup",  "Name": "ProjectsGroup",  "CommitCount": 120,  "BranchCount": 1,  …  } |

**1.3 GetByUsername**

Get specific github profile by username

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | /api/github/user/{username} |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Param name** | **Value** |
| URL\_PARAM | username | Heghine |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Response** |
| 200 OK | Profile | Full contact and array of repositories list of that profile  {  "Id": 296,  "UserName": "Heghine",  "Url": "https://github.com/Heghine",  "Company": null,  "Name": "Heghine Hakobyan",  "Bio": null,  "Location": "Yerevan, Armenia",  "Email": null,  "BlogOrWebsite": null,  "StarsCount": 8,  "ImageUrl": "https://avatars1.githubusercontent.com/u/1607253?s=460&amp;v=4",  "Repositories": [  {  "Id": 1172,  "Url": "https://github.com//Heghine/TestAndroidApp",  "Name": "TestAndroidApp",  "CommitCount": 4,  "BranchCount": 0,  ...  "ProfileId": 296,  "StarsCount": 0,  "ContributorsCount": 1,  "ForksCount": 0,  "Languages": [  {  "Id": 2178,  "Name": "Java",  "Percent": 100.00,  "RepositoryId": 1173  }  ]  ... |

## 2 Linkedins

**2.1 Get**

Get all linkedin profiles from database

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | /api/linkedin |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | An array of linkedin profiles  [  {  "Id": 2,  "Username": "anush-hakhverdyan-394bb4164",  "FullName": "Anush Hakhverdyan",  "Specialty": "Team Lead at PicsArt Inc.",  "Location": "Armenia",  "Education": null,  "Company": "PicsArt Inc.",  "ConnectionCount": 61,  "Website": null,  "Phone": null,  "Email": null,  "Birthday": null,  "Connected": null,  "ImageUrl": "https://media.licdn.com/dms/image/C4D03AQF86DpuFzm9AQ/profile-displayphoto-shrink\_800\_800/0?e=1544659200&v=beta&t=Gud7W-yBQZtT1GMLvbHMa6LaFtSxtGRe\_I5vJycXPKA&quot",  "LinkedinEducation": [],  "LinkedinExperience": [],  "LinkedinInterest": [],  "LinkedinLanguage": [],  "LinkedinSkill": []  },  {  "Id": 18,  "Username": "lilith-muradian-668536150",  "FullName": "Lilith Muradian",  "Specialty": "Frontdesk coordinator at apolloBytes",  "Location": "Armenia",  "Education": "Yerevan State University...",  "Company": "apolloBytes",  "ConnectionCount": 55,  "Website": null,  "Phone": null,  "Email": null,  "Birthday": null,  "Connected": null,  "ImageUrl": null,  "LinkedinEducation": [],  "LinkedinExperience": [],  "LinkedinInterest": [],  "LinkedinLanguage": [],  "LinkedinSkill": []  },  {  "Id": 94,  "Username": "armliberty",  "FullName": "Rafael Shahoyan",  "Specialty": "Senior Software Engineer at Mentor Graphics",  "Location": "Armenia",  "Education": "National Polytechnic University of Armenia...",  "Company": "Mentor Graphics",  "ConnectionCount": 232,  "Website": null,  "Phone": null,  "Email": null,  "Birthday": null,  "Connected": null,  "ImageUrl": "https://media.licdn.com/dms/image/C5603AQGQSsGzys7jIg/profile-displayphoto-shrink\_800\_800/0?e=1544659200&v=beta&t=eWSfWpXBICmjKfYFUORIgh7Y5fHQ91eGxe56A0Q\_ANI&quot",  "LinkedinEducation": [],  "LinkedinExperience": [],  "LinkedinInterest": [],  "LinkedinLanguage": [],  "LinkedinSkill": []  }  ] |

**2.2 GetById**

Get specific linkedin profile by Id

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | /api/linkedin/{id} |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **Type** | **Param name** | **Values** |
| URL\_PARAM | id | **3061** |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | Full linkedin profile and array of Education, Experiences, Interests, Languages and Skills of that profile  {  "Id": 3061,  "Username": "aram-zhamkochyan",  "FullName": "Aram Zhamkochyan",  "Specialty": ".Net software engineer / C# developer",  "Location": "Armenia",  "Education": "Université de Poitiers...",  "Company": "BetConstruct",  "ConnectionCount": 0,  "Website": "https://github.com/aramzham",  "Phone": null,  "Email": null,  "Birthday": null,  "Connected": null,  "ImageUrl": null,  "LinkedinEducation": [  {  "Id": 3052,  "Name": "Université de Poitiers",  "Time": "2015 - 2016",  "LinkedinProfileId": 3061,  "Title": "Master 1 of Finance de marché et gestion de patrimoine"  },  {  "Id": 3053,  "Name": "Yerevan State University",  "Time": "2012 - 2014",  "LinkedinProfileId": 3061,  "Title": "Master's degree of International economic relations of 17.8"  },  {  "Id": 3054,  "Name": "Yerevan State University",  "Time": "2006 - 2010",  "LinkedinProfileId": 3061,  "Title": "Bachelor's degree of Theory of Economics"  }  ],  "LinkedinExperience": [  {  "Id": 5264,  "Company": null,  "Title": "Title .Net software engineer",  "Time": "Nov 2017 – Present",  "LinkedinProfileId": 3061,  "Location": "Yerevan"  },  {  "Id": 5265,  "Company": null,  "Title": "Title Junior C# developer",  "Time": "Jul 2017 – Present",  "LinkedinProfileId": 3061,  "Location": null  },  {  "Id": 5266,  "Company": null,  "Title": "Title POS-terminal service division specialist",  "Time": "Dec 2012 – Jun 2014",  "LinkedinProfileId": 3061,  "Location": null  },  {  "Id": 5267,  "Company": null,  "Title": "Title Processing Center Specialist",  "Time": "Jul 2012 – Dec 2012",  "LinkedinProfileId": 3061,  "Location": null  },  {  "Id": 5268,  "Company": "Armenian Card CJSC (ArCa)",  "Title": "Call Center Operator",  "Time": "May 2009 – May 2010",  "LinkedinProfileId": 3061,  "Location": null  }  ],  "LinkedinInterest": [  {  "Id": 7327,  "Name": "Yerevan State University",  "FollowersCount": 17157,  "LinkedinProfileId": 3061  },  {  "Id": 7328,  "Name": "Mashable",  "FollowersCount": 871998,  "LinkedinProfileId": 3061  },  {  "Id": 7329,  "Name": "Microsoft",  "FollowersCount": 5978911,  "LinkedinProfileId": 3061  },  {  "Id": 7330,  "Name": "Jason Calacanis",  "FollowersCount": 526257,  "LinkedinProfileId": 3061  },  {  "Id": 7331,  "Name": "Université de Poitiers",  "FollowersCount": 44224,  "LinkedinProfileId": 3061  },  {  "Id": 7332,  "Name": "Business Insider",  "FollowersCount": 5488575,  "LinkedinProfileId": 3061  }  ],  "LinkedinLanguage": [  {  "Id": 4409,  "Name": "jQuery Tutorial Course",  "LinkedinProfileId": 3061  },  {  "Id": 4410,  "Name": "JavaScript Tutorial Course",  "LinkedinProfileId": 3061  },  {  "Id": 4411,  "Name": "Python 3 Tutorial Course",  "LinkedinProfileId": 3061  },  {  "Id": 4412,  "Name": "SQL Fundamentals",  "LinkedinProfileId": 3061  },  {  "Id": 4413,  "Name": "SoloLearn C# Tutorial course completion",  "LinkedinProfileId": 3061  },  {  "Id": 4414,  "Name": "English",  "LinkedinProfileId": 3061  },  {  "Id": 4415,  "Name": "Français",  "LinkedinProfileId": 3061  },  {  "Id": 4416,  "Name": "???????",  "LinkedinProfileId": 3061  },  {  "Id": 4417,  "Name": "???????",  "LinkedinProfileId": 3061  },  {  "Id": 4418,  "Name": "C# Level 1",  "LinkedinProfileId": 3061  },  {  "Id": 4419,  "Name": "C# Level 2",  "LinkedinProfileId": 3061  },  {  "Id": 4420,  "Name": "Fundamentals of Programming",  "LinkedinProfileId": 3061  },  {  "Id": 4421,  "Name": "My projects on GitHub",  "LinkedinProfileId": 3061  },  {  "Id": 4422,  "Name": "TOEIC",  "LinkedinProfileId": 3061  }  ],  "LinkedinSkill": [  {  "Id": 27522,  "Name": "C#",  "EndorsedCount": 14,  "LinkedinProfileId": 3061  },  {  "Id": 27523,  "Name": "OOP",  "EndorsedCount": 14,  "LinkedinProfileId": 3061  },  {  "Id": 27524,  "Name": "Git",  "EndorsedCount": 13,  "LinkedinProfileId": 3061  },  {  "Id": 27525,  "Name": "LINQ",  "EndorsedCount": 11,  "LinkedinProfileId": 3061  },  {  "Id": 27526,  "Name": "Visual Studio",  "EndorsedCount": 11,  "LinkedinProfileId": 3061  },  {  "Id": 27527,  "Name": ".NET",  "EndorsedCount": 11,  "LinkedinProfileId": 3061  } |

**2.3 GetByUserame**

Get specific linkedin profile by username

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | /api/linkedin/user/{username} |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| URL | username | levon-hakobyan-007172a4 |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Response** |
| 200 OK | LinkedinProfile | Full linkedin profile and array of Education, Experiences, Interests, Languages and Skills of that profile  {  "Id": 2459,  "Username": "levon-hakobyan-007172a4",  "FullName": "Levon Hakobyan",  "Specialty": "Frontend Developer at MicroBiz Cloud Point of Sale",  "Location": "Armenia",  "Education": "Yerevan State University...",  "Company": "MicroBiz Cloud Point of Sale",  "ConnectionCount": 0,  "Website": null,  "Phone": null,  "Email": null,  "Birthday": null,  "Connected": null,  "ImageUrl": null,  "LinkedinEducation": [  {  "Id": 2089,  "Name": "Yerevan State University",  "Time": "2007 - 2010",  "LinkedinProfileId": 2459,  "Title": "Master’s Degree of Optics/Optical Sciences"  },  {  "Id": 2090,  "Name": "Yerevan State University",  "Time": "2001 - 2005",  "LinkedinProfileId": 2459,  "Title": "Bachelor’s Degree of physics"  },  {  "Id": 2091,  "Name": "34 middle school",  "Time": null,  "LinkedinProfileId": 2459,  "Title": null  }  ],  "LinkedinExperience": [  {  "Id": 3537,  "Company": "MicroBiz Cloud Point of Sale",  "Title": "Frontend Developer",  "Time": "2017 – Present",  "LinkedinProfileId": 2459,  "Location": "Yerevan"  },  {  "Id": 3538,  "Company": null,  "Title": "Title Project Manager",  "Time": "Sep 2016 – Present",  "LinkedinProfileId": 2459,  "Location": "Yerevan"  },  {  "Id": 3539,  "Company": null,  "Title": "Title Technical Manager",  "Time": "Dec 2013 – Present",  "LinkedinProfileId": 2459,  "Location": "Interactive World"  },  ],  "LinkedinInterest": [  {  "Id": 4935,  "Name": "Yerevan State University",  "FollowersCount": 17154,  "LinkedinProfileId": 2459  },  {  "Id": 4936,  "Name": "React Developers - Discuss ReactJS and React Native",  "FollowersCount": 0,  "LinkedinProfileId": 2459  },  {  "Id": 4937,  "Name": "Unity Technologies",  "FollowersCount": 77360,  "LinkedinProfileId": 2459  },  {  "Id": 4938,  "Name": "Interactive World",  "FollowersCount": 96,  "LinkedinProfileId": 2459  },  {  "Id": 4939,  "Name": "Yii framework",  "FollowersCount": 0,  "LinkedinProfileId": 2459  },  {  "Id": 4940,  "Name": "Ginosi Apartels &amp; Hotels",  "FollowersCount": 1390,  "LinkedinProfileId": 2459  }  ],  "LinkedinLanguage": [],  "LinkedinSkill": [  {  "Id": 16703,  "Name": "JavaScript",  "EndorsedCount": 13,  "LinkedinProfileId": 2459  },  {  "Id": 16704,  "Name": "PHP",  "EndorsedCount": 9,  "LinkedinProfileId": 2459  },  {  "Id": 16705,  "Name": "yii2",  "EndorsedCount": 4,  "LinkedinProfileId": 2459  },  {  "Id": 16706,  "Name": "Project Management",  "EndorsedCount": 6,  "LinkedinProfileId": 2459  },  {  "Id": 16707,  "Name": "MySQL",  "EndorsedCount": 10,  "LinkedinProfileId": 2459  },  {  "Id": 16708,  "Name": "CSS",  "EndorsedCount": 7,  "LinkedinProfileId": 2459  },  {  "Id": 16709,  "Name": "jQuery",  "EndorsedCount": 7,  "LinkedinProfileId": 2459  },  {  "Id": 16710,  "Name": "AJAX",  "EndorsedCount": 6,  "LinkedinProfileId": 2459  },  {  "Id": 16711,  "Name": "React.js",  "EndorsedCount": 5,  "LinkedinProfileId": 2459  },  {  "Id": 16712,  "Name": "Yii",  "EndorsedCount": 6,  "LinkedinProfileId": 2459  }  ]  } |

**To be continued …**