



# **Monitoring Armenian IT Industry**

## **Specification Doc**

15.12.2018

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# Web API

## GitHubs

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## Linkedins

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  - Request - /api/linkedin/{id}
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  - Request - /api/linkedin/user/{username}
  - Response

## 1 Customers

### 1.1 Get

Get all github profiles from database

#### Request

Method	URL
Get	/api/github

## Response

Status	Response
200 OK	<p>An array of github profiles</p> <pre>[   {     "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;     p;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;     p;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":   } ]</pre>

	"https://avatars1.githubusercontent.com/u/7938403?s=460&v=4", "Repositories": [] } ]

## 1.2 GetByld

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&v=4", "Repositories": [ { "Id": 6166,

	<pre> "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,   ... } </pre>
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## 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 { "guld": "ff247f5d-95c2-493e-a079-63d962138b19", "firstName": "Vanik", "lastName": "Hakobyan", "birthDate": "2017-10-28T00:00:00", "email": "vanhakobyan1996@gmail.com", "phoneNumber": "093579717", "country": "Armenia", "city": "Yerevan", "employments": [] }

## 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, } ]

	<pre>       "Email": null,       "Birthday": null,       "Connected": null,       "ImageUrl":       "https://media.licdn.com/dms/image/C4D03AQF86DpuFzm9AQ/profile-       e-displayphoto-       shrink_800/0?e=1544659200&amp;v=beta&amp;t=Gud7W-       yBQZtT1GMLvbHMa6LaFtSxtGRe_I5vJycXPKA&amp;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/C5603AQGQSSsGzys7jlg/profile-       displayphoto- </pre>
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	shrink_800_800/0?e=1544659200&v=beta&t=eWSfWpXBICmjKfYFU ORlgh7Y5fHQ91eGxe56A0Q_ANI&quot", "LinkedinEducation": [], "LinkedinExperience": [], "LinkedinInterest": [], "LinkedinLanguage": [], "LinkedinSkill": [] } ]
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## 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, }

	<pre> "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   } ] </pre>
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    },
    {
      "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",

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    "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,

```

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    "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",

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	<pre> "EndorsedCount": 11, "LinkedinProfileId": 3061 }, {   "Id": 27527,   "Name": ".NET",   "EndorsedCount": 11,   "LinkedinProfileId": 3061 } </pre>
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## 2.3 GetByUsername

Updates specific employment by Id. Specify in http body the fields you would like to change (note that “price” and “customerId” are mandatory)

### Request

Method	URL
Get	/api/linkedin/user/{username}

### Parameters

From	Type	Value
URL	username	levon-hakobyan-007172a4

### Response

Status	Type	Response
200 OK	LinkedinProfile	<p>Full linkedin profile and array of Education, Experiences, Interests, Languages and Skills of that profile</p> <pre> {   "Id": 2459,   "Username": "levon-hakobyan-007172a4",   "FullName": "Levon Hakobyan",   "Specialty": "Frontend Developer at MicroBiz Cloud Point of Sale",   "Location": "Armenia", </pre>

		<p>"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,  </p>
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		<pre>         "Title": "Title    Technical Manager",         "Time": "Dec 2013 – Present",         "LinkedinProfileId": 2459,         "Location": "Interactive World"     },     {         "Id": 3540,         "Company": "Self-employed",         "Title": "Yii2 developer",         "Time": "Aug 2012 – Present",         "LinkedinProfileId": 2459,         "Location": null     } ], "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     } ] </pre>
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		<pre> ], "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   },   { </pre>
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		<pre>"Id": 16711, "Name": "React.js", "EndorsedCount": 5, "LinkedinProfileId": 2459 }, { "Id": 16712, "Name": "Yii", "EndorsedCount": 6, "LinkedinProfileId": 2459 } ] }</pre>
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**To be continued ...**