

We expect you to perform the following sample projects before get into job interview.  
(To be sure about your qualification : you have time to do that no worry: it may take 1 month or more or less depending on the developer )

### **Project 1 : Develop web based Online Student Management System**

<https://meeraacademy.com/er-diagram-for-student-management-system/>

Student can list the courses, see the course details, enroll the course, and see the contents (text) and links which the teachers share

Teacher can add into calender and share the contents and see who enrolled into courses

Admin can add teachers, students and see who enrolled into courses and see the contents (text) and links which the teachers share

web : angularjs + webapi + entity + sql server

web : angular7 + webapi + entity + sql server

Deploy into Azure and let me see

<https://azure.microsoft.com/tr-tr/services/app-service/web/>

You can use the following Angularjs theme

<https://1drv.ms/u/s!AmEfflpPabp4tS9wSj5atzTNCINB>

You can use the following Angular 7 theme

<https://drive.google.com/file/d/1UZlthaeNVzoS6RgNbO4AUI2TreqputHE/view?usp=sharing>

### **Project 2 : Develop ionic 4 mobile app**

Please also develop mobile app using **ionic 4 (who uses angular )**

### **Project 3 : Develop desktop app using electronjs**

<https://electronjs.org/>

You can develop desktop app as embedding the web based project which you developed as project 1.

Simply you can embed as webview

----- What you need to learn-----

We are constantly improving and developing [www.vedubox.com](http://www.vedubox.com).

To friends who have learned the following technologies  
We can provide internship, part time, freelance, full time study and we can give a final/term project.

The technologies we use are as follows:

AngularJS  
Angular 7  
C#  
[ASP.NET](#) Web API  
Entity Framework  
SQL  
Web services - API integration  
SQL Server  
IONIC 4

-----stajerler için bilgiler-----

### **AŞAMA 1: Basic subjects: angularjs, sql, database**

1nci asamada asagidaki konulari ogrenmek gerekiyor.

#### 1) angularjs

<https://hello-angularjs.appspot.com/spa#/searchtable>

<https://www.airpair.com/angularjs/building-angularjs-app-tutorial>

[https://www.tutorialspoint.com/angularjs/angularjs\\_first\\_application.htm](https://www.tutorialspoint.com/angularjs/angularjs_first_application.htm)

<https://weblogs.asp.net/dwahlin/learning-angularjs-by-example-the-customer-manager-application>

<https://www.youtube.com/watch?v=W54LgapPilo>

Türkçe

<https://www.mobilhanem.com/angular-egitimleri/>

<https://ugurgeliskan.com/category/angularjs/>

#### 2) SQL i de asagidaki siteden bir kac saatte ogrebilirsiniz.

<http://www.sqlcourse.com/select.html>

(bir de sql server i da : tablo oluşturma, tablodaki verileri değiştirme v.b. de öğrenmek gerekiyor. )

#### 3) Database - Angularjs

[http://www.infragistics.com/community/blogs/dhananjay\\_kumar/archive/2015/06/05/a-step-by-step-guide-to-working-with-the-asp-net-web-api-and-angularjs.aspx](http://www.infragistics.com/community/blogs/dhananjay_kumar/archive/2015/06/05/a-step-by-step-guide-to-working-with-the-asp-net-web-api-and-angularjs.aspx)

<https://www.codeproject.com/Articles/567376/ConnectingplustoplusDatabaseplusUsingplusAngularJS>

<https://www.youtube.com/watch?v=qfT4YjHgjDs>

#### 4) SQL SERVER : Database Management

[http://www.quackit.com/sql\\_server/tutorial/](http://www.quackit.com/sql_server/tutorial/)

<https://www.lynda.com/SQL-Server-tutorials/Learn-Microsoft-SQL-Server-2016-Basics/503929-2.html>

#### 5) Angularjs, Webapi, Entity Framework , c# ve sql Örnek Projeler

##### Giris Projesi:

<http://www.tutorialsteacher.com/angularjs/angularjs-development-environment>

<https://angular.io/guide/setup>

proje1 :

<http://angularfirst.com/your-first-angular-project-in-visual-studio/>

##### Diğerleri

<https://code.msdn.microsoft.com/ASPNET-MVC-AngularJS-Web-e071f83d>

<https://cybarlab.com/create-web-api-in-code-first-model>

<https://www.youtube.com/watch?v=kh1tysVLDNw>

<http://www.tutorialsteacher.com/webapi/create-web-api-for-crud-operation>

[https://www.youtube.com/watch?v=3J\\_ucXZU73Q](https://www.youtube.com/watch?v=3J_ucXZU73Q)

<https://www.aspsnippets.com/Articles/Using-Web-API-with-AngularJS-and-Entity-Framework-in-ASPNet-MVC.aspx>

<https://www.codeproject.com/Articles/1158439/Crud-Operation-using-Angular-JS-and-Web-API>

<https://docs.microsoft.com/tr-tr/aspnet/web-api/overview/getting-started-with-aspnet-web-api/tutorial-your-first-web-api>

<https://chsakell.com/2015/08/23/building-single-page-applications-using-web-api-and-angularjs-free-e-book/>

<https://www.dotnettricks.com/learn/angularjs/angularjs-crud-operations-with-webapi-ef-and-bootstrap>

[https://www.google.com.tr/search?q=angularjs+entity+framework+sample+code&ei=w1geW7\\_CCMfWsaHg\\_t7PYDA&start=10&sa=N&biw=1280&bih=604](https://www.google.com.tr/search?q=angularjs+entity+framework+sample+code&ei=w1geW7_CCMfWsaHg_t7PYDA&start=10&sa=N&biw=1280&bih=604)

Not: Youtube da çok sayıda güzel kaynak var: onlarida kullanmayi unutma!

[https://www.youtube.com/results?search\\_query=angularjs+dersleri](https://www.youtube.com/results?search_query=angularjs+dersleri)

[https://www.youtube.com/results?search\\_query=c%23](https://www.youtube.com/results?search_query=c%23)

<https://www.youtube.com/watch?v=FbAqlqj7BBw>

[https://www.youtube.com/results?search\\_query=visual+studio+sql](https://www.youtube.com/results?search_query=visual+studio+sql)

<https://www.youtube.com/watch?v=dspNtyemezo>

<https://www.youtube.com/watch?v=a0dcuvj0paY>

[https://www.youtube.com/results?search\\_query=sql+server+developer+edition](https://www.youtube.com/results?search_query=sql+server+developer+edition)

[https://www.youtube.com/results?search\\_query=visual+studio+web+api+project](https://www.youtube.com/results?search_query=visual+studio+web+api+project)

[https://www.youtube.com/results?search\\_query=visual+studio+web+api+](https://www.youtube.com/results?search_query=visual+studio+web+api+)

[https://www.youtube.com/results?search\\_query=angularjs+web+api+](https://www.youtube.com/results?search_query=angularjs+web+api+)

diger:

<https://www.google.com.tr/search?q=visualstudio+angularjs+server+settings&oq=visualstudio+angularjs+server+settings&aqs=chrome..69i57.17683j0j7&sourceid=chrome&ie=UTF-8>

w3 schools

[https://www.w3schools.com/angular/angular\\_intro.asp](https://www.w3schools.com/angular/angular_intro.asp)

## AŞAMA 2:

Could you review the following subjects and then develop samples so that you can learn the things shortly.

We have two kind of projects

1) web based - angularjs

[www.vedubox.com](http://www.vedubox.com) has been developed as

UI + web api (web services) + external services or database

Servers are hosted at windows azure

Subjects :

angularjs + webapi

[https://www.google.com.tr/search?espv=2&q=angularjs+webapi+samples&oq=angularjs+webapi+samples&gs\\_l=serp.3..0i19k1l2j0i13i10i30i19k1j0i22i10i30i19k1j0i8i13i30i19k1.6091.9293.0.9384.16.15.0.0.0.0.269.1731.0j9j2.11.0....0...1c.1.64.serp..7.9.1396...0i13k1j0i13i30k1j0i13i10i30k1j33i160k1.N2fUAwMinWI](https://www.google.com.tr/search?espv=2&q=angularjs+webapi+samples&oq=angularjs+webapi+samples&gs_l=serp.3..0i19k1l2j0i13i10i30i19k1j0i22i10i30i19k1j0i8i13i30i19k1.6091.9293.0.9384.16.15.0.0.0.0.269.1731.0j9j2.11.0....0...1c.1.64.serp..7.9.1396...0i13k1j0i13i30k1j0i13i10i30k1j33i160k1.N2fUAwMinWI)

angularjs + .net webservice

[https://www.google.com.tr/search?site=&source=hp&q=angularjs+.net+websevice&oq=.net+angularjs+webse&gs\\_l=hp.3.0.0i22i30.697.7754.0.9150.21.19.0.2.2.0.406.2792.0j13j1j0j1.15.0.msedr...0...1c.1.64.hp..5.16.2637.0.7p-3lt2-Vfw](https://www.google.com.tr/search?site=&source=hp&q=angularjs+.net+websevice&oq=.net+angularjs+webse&gs_l=hp.3.0.0i22i30.697.7754.0.9150.21.19.0.2.2.0.406.2792.0j13j1j0j1.15.0.msedr...0...1c.1.64.hp..5.16.2637.0.7p-3lt2-Vfw)

sample project

<http://www.codeproject.com/Articles/791740/Using-AngularJs-ASP-NET-MVC-Web-API-and-EntityFram>

sample project

<http://code.msdn.microsoft.com/Aspnet-MVC-Sample-using-a5ee35e2>

sample project

<http://weblogs.asp.net/dwahlin/learning-angularjs-by-example-the-customer-manager-application>

sample project

<http://xombe.com/2014/02/17/combine-angular-js-with-asp-net-mvc/>

sample project

<http://www.dotnetcurry.com/showarticle.aspx?ID=1000>

Why AngularJS and [ASP.NET](#) MVC?

<http://www.wintellect.com/blogs/dbaskin/cookbook-for-asp-net-mvc-and-angular-js-web-apps>

Youtube:

<http://www.youtube.com/watch?v=Ja2xDrtylBw>

<http://www.youtube.com/watch?v=V4aL9UDWLxU>

Book

<http://www.safaribooksonline.com/library/view/learning-angularjs-for/9781783986606/>

### **AŞAMA 3: MOBILE : IONIC (Not needed now)**

we need to develop hyprid app (native + angularjs )

<https://ionicframework.com/>

1) Converting an existing AngularJS project to mobile using the Ionic framework

<https://www.zodiacmedia.co.uk/blog/converting-an-angularjs-project-to-mobile-using-ionic>

2) Sample

login example:

<https://devdactic.com/simple-login-example-with-ionic-and-angularjs/>

ionic sample projects

<http://coenraets.org/blog/2014/02/sample-mobile-application-with-ionic-and-angularjs/>

<https://www.grapecity.com/en/blogs/expense-tracker-sample-creating-the-project>

[https://www.google.com.tr/search?client=ms-android-samsung&ei=IAhjWp7tGrCKmgWbvpX4CA&q=ionic+angularjs+sampla+projects&oq=ionic+angularjs+sampa+projects&gs\\_l=mobile-gws-serp.3..30i10k1.12724.27693.0.28778.39.31.3.5.6.0.883.111104.0j1j1j1j2j2j4j1.31.0....0...1c.1j4.64.mobile-gws-serp..7.32.9047...0j41j0i19k1j33i160k1j0i22i30k1j0i22i10i30i19k1j0i22i30i19k1j0i13i30i19k1j0i8i13i30i19k1j0i13i30k1j0i8i13i30k1j33i22i29i30k1.0.dqhysABSzDE](https://www.google.com.tr/search?client=ms-android-samsung&ei=IAhjWp7tGrCKmgWbvpX4CA&q=ionic+angularjs+sampla+projects&oq=ionic+angularjs+sampa+projects&gs_l=mobile-gws-serp.3..30i10k1.12724.27693.0.28778.39.31.3.5.6.0.883.111104.0j1j1j1j2j2j4j1.31.0....0...1c.1j4.64.mobile-gws-serp..7.32.9047...0j41j0i19k1j33i160k1j0i22i30k1j0i22i10i30i19k1j0i22i30i19k1j0i13i30i19k1j0i8i13i30i19k1j0i13i30k1j0i8i13i30k1j33i22i29i30k1.0.dqhysABSzDE)

3) Mastering the Ionic Framework: Learn to Build & Deploy Native Speed HTML5 Based Apps  
<https://thinkster.io/ionic-framework-tutorial#deploying-to-the-emulator-devices-and-app-stores>

4) Build a Real Time Hybrid App with Ionic & Firebase

<https://www.airpair.com/angularjs/posts/build-a-real-time-hybrid-app-with-ionic-firebase>

<https://www.pluralsight.com/guides/front-end-javascript/how-to-build-a-shopping-app-with-ionic-firebase>

5) theming

<https://ionicframework.com/docs/theming/theming-your-app/>

Hazır temalar

<https://market.ionicframework.com/themes>

Mobile web UI design: mobile angularjs

<http://mobileangularui.com/demo/#/>

#### 4) EĞİTİMLER

web site which presents e-learning for developers

Baştan Sona Angular 4 & Ionic 3 ile Web ve Mobil Programlama

<https://www.udemy.com/angular-4-ionic-3-ile-web-ve-mobil-programlama/>

<http://www.bilgeadam.com/akademi/bilisim-uzmanligi/yazilim-uzmani-net>

<https://www.pluralsight.com/>

<https://www.codeschool.com/>

<https://www.lynda.com/>

<https://www.acikakademi.com/portal/egitimler/default.aspx>

<http://www.microsoftvirtualacademy.com/>

[https://www.coursera.org/specializations/full-stack-mobile-app-development?siteID=0QzFuKaNR1w-x1lqPswmb6Yj0p2uKhy1jQ&utm\\_content=3&utm\\_medium=partners&utm\\_source=linkshare&utm\\_campaign=0QzFuKaNR1w](https://www.coursera.org/specializations/full-stack-mobile-app-development?siteID=0QzFuKaNR1w-x1lqPswmb6Yj0p2uKhy1jQ&utm_content=3&utm_medium=partners&utm_source=linkshare&utm_campaign=0QzFuKaNR1w)

[https://www.coursera.org/specializations/full-stack-mobile-app-development?authMode=login&siteID=0QzFuKaNR1w-x1lqPswmb6Yj0p2uKhy1jQ&utm\\_campaign=0QzFuKaNR1w&utm\\_content=3&utm\\_medium=partners&utm\\_source=linkshare#pricing](https://www.coursera.org/specializations/full-stack-mobile-app-development?authMode=login&siteID=0QzFuKaNR1w-x1lqPswmb6Yj0p2uKhy1jQ&utm_campaign=0QzFuKaNR1w&utm_content=3&utm_medium=partners&utm_source=linkshare#pricing)

Angular2 for .NET Developers

[https://www.linkedin.com/learning/angular2-for-net-developers?utm\\_source=linkedin&lpk35=8891&utm\\_campaign=feedSingleton-oz-winner-inf-scroll-m103%3Aa001-500547&trk=hp-feed-single-course-desc&utm\\_medium=integrated-partnership](https://www.linkedin.com/learning/angular2-for-net-developers?utm_source=linkedin&lpk35=8891&utm_campaign=feedSingleton-oz-winner-inf-scroll-m103%3Aa001-500547&trk=hp-feed-single-course-desc&utm_medium=integrated-partnership)

5) ANGULAR 6

1) Build A Real World Beautiful Web APP with Angular 6—A to Z Ultimate Guide (2018)—PART I

<https://medium.com/@hamedbaatour/build-a-real-world-beautiful-web-app-with-angular-6-a-to-z-ultimate-guide-2018-part-i-e121dd1d55e>

2) Admin template based on Angular 6+, Bootstrap 4 and Nebular

<https://github.com/akveo/ngx-admin>

Bizim temanında Angular 6 versiyonu var:

<https://wrapbootstrap.com/theme/angle-bootstrap-admin-template-WB04HF123>

3) Open projects

<https://medium.mybridge.co/angular-open-source-projects-for-the-past-year-v-2018-dba2041e6ff8>

4) Angular-realworld-example-app

<https://github.com/gothinkster/angular-realworld-example-app>

5) Echoes Player: Media Player for Youtube

[https://github.com/orizens/echoes-player?utm\\_source=mybridge&utm\\_medium=blog&utm\\_campaign=read\\_more](https://github.com/orizens/echoes-player?utm_source=mybridge&utm_medium=blog&utm_campaign=read_more)

6) choosing-a-highly-scalable-folder-structure

<https://itnext.io/choosing-a-highly-scalable-folder-structure-in-angular-d987de65ec7>

7) 11 Angular Component Libraries You Should Know In 2018

<https://blog.bitsrc.io/11-angular-component-libraries-you-should-know-in-2018-e9f9c9d544ff>

Individual components

<https://bitsrc.io/angular>