



# JOBIFY

CS413 Project

# 01 ABOUT OUR TEAM

Who are we?

# 02 ABOUT THE PROJECT

What are the features and differentiators?

# 03 ESTIMATION AND PLANNING

What we have done?

# 04 SCOPE OF THE PROJECT

What we have planned?

# 05 RISK AND RESPONSE STRATEGIES

What we are planning to do?

# 06 MINI DEMO

Showcase

# ABOUT OUR TEAM

Bilkent University CS413 Students



Alptekin Önder  
**Project Manager**



Enes Merdane



Arda Kızılkaya



Emre Tolga Ayan



# ABOUT THE PROJECT

Jobify is a job seeking platform which aims to reduce the burden of searching for a job in the web.

We seek all the websites for our users. They just need to come and find their dream job without spending hours with search engines.

# Scraping jobs, which makes us different

## FEATURES



Yeni Mezun Avukat  
Skamar Gayrimenkul A.Ş  
İstanbul  
isbul.net

Gayrimenkul yatırım şirketi için hukuk de  
yapmak üzere tam zamanlı çalışacak yer

[Go to the Website](#)

Proje Yürütücüsü  
Asarge  
Ankara  
indeed

Araştırma Danışmanlık ve Yazılım Sektöründe Faaliyet Gösteren Firmamızda İyi derecede bilgisayar kullanan İnternette araştırmalar yapabilecek Online toplantılar yürütebilecek Yönetim ve İletişim becerileri yüksek Ekip kuracak ve yönetebilecek Araştırma, veri analizi, dijitalleşme konularına meraklı Gündemi takip eden ve araştırmacı yapıya sahip İş disiplini ve önceliği iş olan Yönetici Asistanı Aranmaktadır

[Go to the Website](#)

Software Engineer-Payments  
Udemy  
Ankara, Ankara, Türkiye  
linkedin

Engineers in the Payments team are dedica  
transactions per minute globally. Our syste  
integration capabilities with top payment ve  
scaled to payout thousands of instructors m  
role in Udemy to ensure all the monetization

[Go to the Website](#)

Gömülü Yazılım Tasarım Mühendisi  
KAREL ELEKTRONİK SANAYİ VE TİCARET A.Ş.  
Ankara  
careerjet

GENEL NİTELİKLER VE İŞ TANIMI Üniversitelerin Elektrik/Elektronik veya Bilgisayar Mühendisliği bölümünden mezun, En az 3 yıl C ve C++ programlama dili ile kodlama, birim test, hata giderme, doğrulama faaliyetleri yapmış, en az bir proje tamamlamış, Arm, DSP işlemciler, mikro denetleyiciler ve çevre birimlerinde tecrübe sahibi, Tercihen algoritma geliştirme ve/veya işletim sistemi tecrübesi olan, İyi derecede İngilizce bilen ve İngilizce doküman hazırlayabilecek, Yazılım geliştirme modelleri hakkında bilgi sahibi, Erkek adaylar için askerlik hizmetini tamamlamış, Analitik düşünme, sorun çözme, yeni fikirler üretme yeteneğine sahip, ekip çalışmasına yatkın, çalışma arkadaşı aramaktayız.

[Go to the Website](#)

# Our own job advertisements, they are special

## FEATURES



Backend Engineer

Kızagan A.Ş

Ankara

Jobify

We are looking for Backend Engineers in our Ankara office located at a relaxed fun environment in Hacettepe Teknokent.

Apply



Frontend Engineer

Kızagan A.Ş

Ankara

Jobify

We are looking for Frontend Engineers who is experienced with React.js.

Apply



Bilgisayar Mühendisi

KARACASU TEKSTİL TİCARET VE SAN. ANONİM ŞİRKETİ

Kahramanmaraş

kariyer.net

Sektöründe öncü firmamızın AR-GE tesisinde görevlendirmek üzere bilgisayar mühendisliği bölümlerinin birinden mezun olan iyi derecede İngilizce bilen mezuniyet not ortalaması 3 ve üzeri olan çalışma arkadaşı aramaktayız.

Go to the Website



Bilgisayar Mühendisi

ERMETAL OTOMATİV VEEŞYA SANAYİ TİCARET A.Ş.

Only see the related jobs

FEATURES

## Search for open positions

Search for a title, skill, or a company

Search for location

Search

# Companies can create posts, and modify

## FEATURES

Add position

Title

Computer Scientists

Location

Ankara

Job description


We are seeking for a computer scientist!

Key qualifications

Must know XXX

Cancel

Create



Computer Scientists

City: Ankara


We are seeking for a computer scientist! Skills: Must know XXX

Applications 0

Edit

Close

Delete



Computer Scientist

test\_1

Ankara

jobify

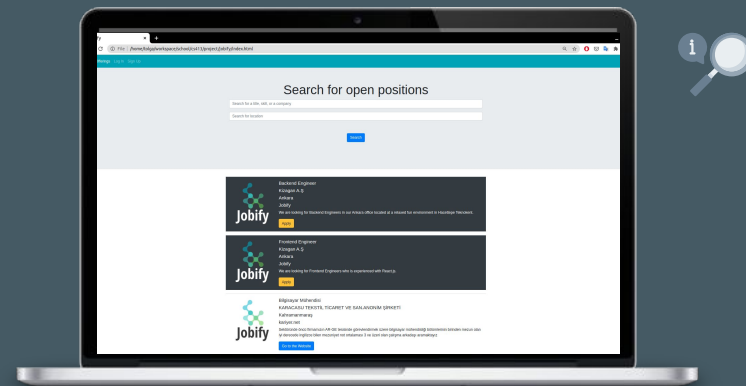
We are seeking for a computer scientist! Skills: Must know XXX

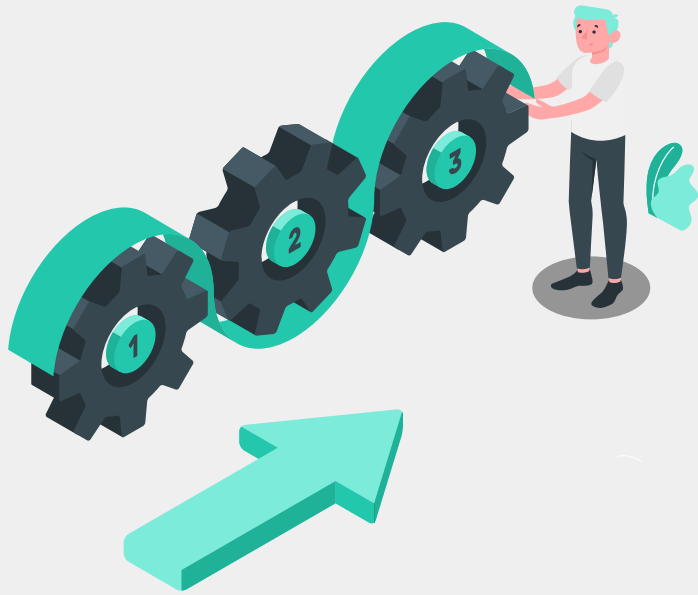
Go to website



# We are both in mobile and web

## FEATURES





# ESTIMATION AND PLANNING

Vague Estimations

$a = 2, b = 1, c = 1, d = \frac{1}{2}$  Loc = 2000  
 $E = 2 * \{8\} = 16$   $D = 1 * (16)^{\frac{1}{2}} = 4$   $R = 16 / 4 = 4 \rightarrow 4$  is the number of developer  
E is 16 man months of work and 4 developers are needed in order to finish in 4 months.

**Disclaimer: Estimations are highly inaccurate because of lack of previous data.**

# TIMELINE

## STAGE I

Analysis and Planning  
Phase

01.10.2020 - 01.11.2020



## STAGE 2

High-level and  
Low-level Design Phase

02.11.2020 - 01.12.2020



## STAGE 3

Development Phase

02.12.2020 - 15.12.2020



## STAGE 4

Testing and  
Presentation Phase

16.12.2020 - 18.12.2020



# SCOPE OF THE PROJECT

## Implementation phase

PYTHON FOR  
SCRAPPING

FIREBASE FOR  
DATABASE

HTML CSS  
JAVASCRIPT FOR  
FRONTEND

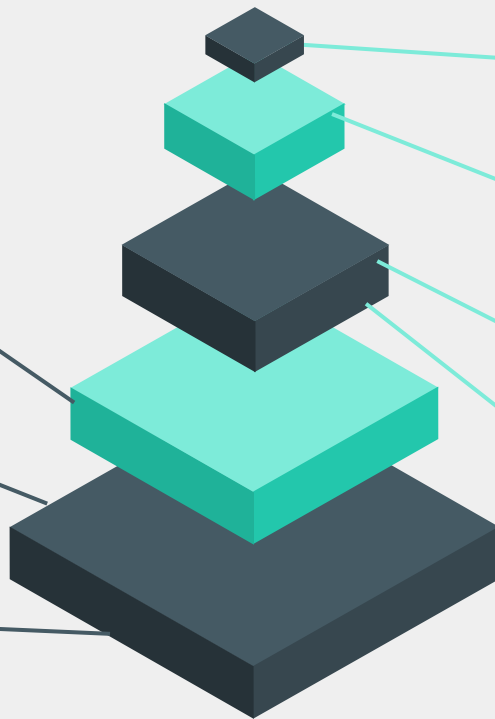
## Planning phase

PROJECT CHARTER

SOFTWARE  
REQUIREMENTS  
SPECIFICATIONS

SOFTWARE PROJECT  
MANAGEMENT PLAN

PROJECT ANALYSIS  
AND DESIGN



# RISK AND RESPONSE STRATEGIES

**Misunderstanding the requirements and/or change in requirements**



**MITIGATE:** We start the implementation from most general parts of the project. In this way we have more time to response to change in requirements and reduce the risk

**Choosing technologies that are difficult to integrate, outdated, or relatively new**



**AVOID:** We avoid from such a situation by choosing well known and sector standard technologies for this job



# RISK AND RESPONSE STRATEGIES

**Team member leaving the project**



**Transfer:** In such a scenario responsibility belongs to the company. Company should find a new engineer.

**Crash at Server-Side**



**Acceptance:** We use Firebase database and server. Therefore it is very low probability to such an event to occur.



# RISK AND RESPONSE STRATEGIES

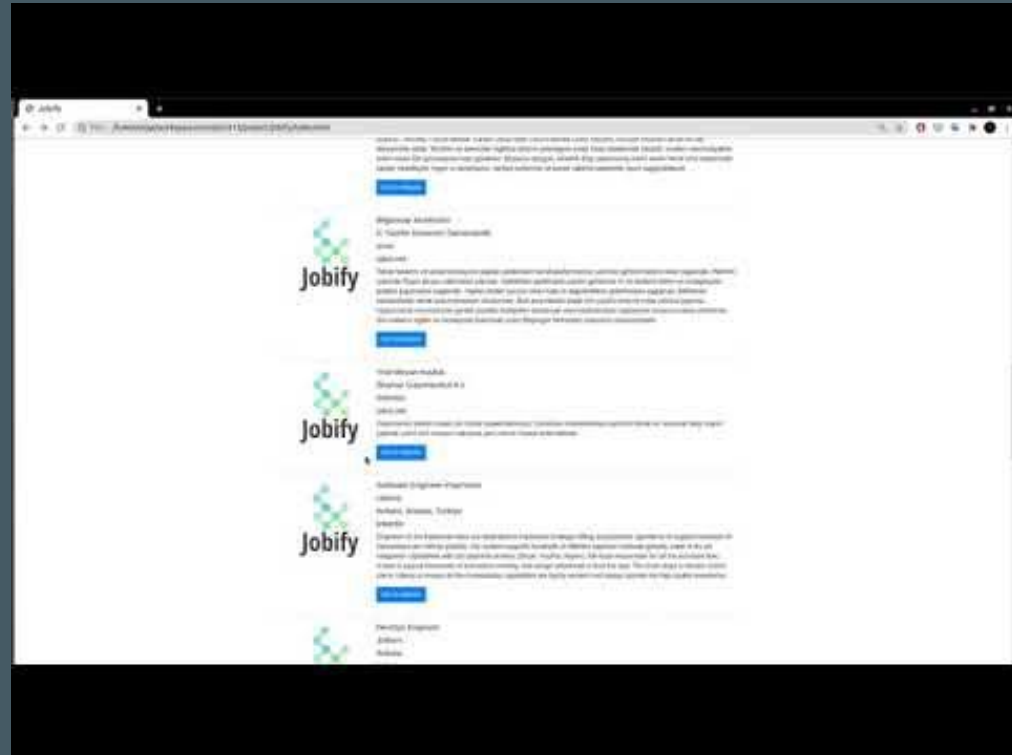
**Getting Sued Because of Scraping Data from Websites**



**AVOID: We will avoid to scrape data without making legal agreements with websites.**



# DEMO VIDEO







# THANKS

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik** and illustrations by **Stories**