QUESTION NO :2

Create a Single Page Application (SPA) of your profile, where a viewer

should be able to do below:

1. 2.1.  Download your resume
2. 2.2.  Should be able to go to your LinkedIn profile
3. 2.3.  Information about yourself in About Myself section
4. 2.4.  User should be able to visit your GitHub link
5. 2.5.  These are basic requirements, you can add as per your interest, use

HTML, CSS, or any other frontend technology to finish this task.

1. 2.6.  Once your development of index.html is done deploy the code in the Amazon EC2 Linux server and attached your server public IP

address with the exam paper along with the HTML document.

**IP ADDRESS: 52.201.220.240**

<html>

<head>

<meta charset="utf-8">

<title>Imran Rashid</title>

<link rel="stylesheet" href="styles/main.css"/>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"/>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Montserrat"/>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Cardo"/>

</head>

<body>

<main class="overflow--auto">

<h1 class="color--skyBlue section\_\_heading--largest">

<!--Your name goes here -->

Imran Rashid

</h1>

<ul class="section--social">

<!--Links to relevant professional social media & resume -->

<!-- See: http://fontawesome.io/icons/#brand for more -->

<!-- Link to Linked In profile -->

<li class="socialWrapper">

<a class="color--skyBlue social"

title="LinkedIn Profile"

target="\_blank"

href="https://linkedin.com/">

<i class="fa fa-linkedin"></i>

</a>

</li>

<!-- Link to GitHub profile -->

<li class="socialWrapper color--skyBlue">

<a class="social color--skyBlue"

title="GitHub Profile"

target="\_blank"

href="https://github.com/imran33bd">

<i class="fa fa-github"></i>

</a>

</li>

<!-- Link to resume, probably a .pdf -->

<li class="socialWrapper">

<a class="social color--skyBlue"

target="\_blank"

title="Resume"

href="https://imran33bd.github.io/">

<i class="fa fa-file-text"></i>

</a>

</li>

</ul>

</main>

<section class="background--skyBlue section">

<h2 class="color--cloud margin--none section\_\_text--centered">

Portfolio

</h2>

</section>

<section class="section section--alignCentered section--description">

<div class="section\_\_exampleWrapper">

<div class="section\_\_example">

<img alt="example screenshot of a project involving code"

class="section\_\_exampleImage"

src="images/example1.png"/>

<dl class="color--cloud">

<dt class="section\_\_exampleTitle section\_\_text--centered">

Work Example 01

</dt>

<dd></dd>

</dl>

</div>

</div>

<div class="section\_\_exampleWrapper">

<div class="section\_\_example">

<img alt="example screenshot of a project involving chemistry"

class="section\_\_exampleImage"

src="images/example2.png"/>

<!-- “Chemistry” by Surian Soosay is licensed under CC BY 2.0

https://www.flickr.com/photos/ssoosay/4097410999 -->

<dl class="color--cloud">

<dt class="section\_\_exampleTitle section\_\_text--centered ">

Work Example 02

</dt>

<dd></dd>

</dl>

</div>

</div>

<div class="section\_\_exampleWrapper">

<div class="section\_\_example">

<img alt="example screenshot of a project involving cats"

class="section\_\_exampleImage"

src="images/example3.1.png"/>

<!-- “Bengal cat” by roberto shabs is licensed under CC BY 2.0

https://www.flickr.com/photos/37287295@N00/2540855181 -->

<dl class="color--cloud">

<dt class="section\_\_exampleTitle section\_\_text--centered">

Work Example 03

</dt>

<dd></dd>

</dl>

</div>

</div>

</section>

<section class="background--skyBlue section">

<h2 class="color--cloud margin--none section\_\_text--centered">

About Me

</h2>

</section>

<section class="section section--alignCentered section--description">

<p class="color--darkgrey section\_\_description">

Imran is a QA Engineer with 7+ years of real time USA experience, who

is also a passionate technology trainer here in Izaan IT!

</p>

<div class="background--skyBlue modal--closed">

<span class="color--cloud modal\_\_closeButton">

<i class="fa fa-window-close-o"></i>

</span>

<img alt="example screenshot of a project involving code"

class="modal\_\_image"

src="images/example1.png"/>

<div class="color--cloud modal\_\_text">

<h2 class="modal\_\_title">

Work Example Name

</h2>

<a class="color--skyBlue modal\_\_link"

href="#">

Check it out

</a>

<p class="modal\_\_description">

A long description of the work in question.

</p>

</div>

</div>

</body>

</html>

1. 2.7.  Describe what is Client/Server Architecture?

**Answer:** **Client-server architecture**, architecture of a computer network in which many clients (remote processors) request and receive service from a centralized server (host computer). Client computers provide an interface to allow a computer user to request services of the server and to display the results the server returns. Servers wait for requests to arrive from clients and then respond to them.

1. 2.8.  Describe what is API?

**Answer:** An application program interface (API) is a set of routines, protocols, and tools for building software applications. Basically, an API specifies how software components should interact.

QUESTION: 4

A screenshot of a cell phone

Description automatically generated

QUESTION NO 3:

[Retrieve the start times of members' bookings](https://pgexercises.com/questions/joins/simplejoin.html)

Select start\_time

From bks cd.bookings

Where mems.firstname='David'

And mems.surname='Farrell'

And mems.memid = bks.memid;

[Work out the start times of bookings for tennis courts](https://pgexercises.com/questions/joins/simplejoin2.html)

[Produce a list of all members who have recommended another member](https://pgexercises.com/questions/joins/self.html)

select distinct

recs.firstname as firstname,

recs.surname as surname

from cd.members mems

inner join cd.members recs

on recs.memid = mems.recommendedby

order by surname, firstname;

[Produce a list of all members, along with their recommender](https://pgexercises.com/questions/joins/self2.html)

select

mems.firstname as memfname,

mems.surname as memsname,

recs.firstname as recfname,

recs.surname as recsname

from cd.members mems

left outer join cd.members recs

on recs.memid = mems.recommendedby

order by memsname, memfname;

[Produce a list of all members who have used a tennis court](https://pgexercises.com/questions/joins/threejoin.html)

[Produce a list of costly bookings](https://pgexercises.com/questions/joins/threejoin2.html)

[Produce a list of all members, along with their recommender, using no joins.](https://pgexercises.com/questions/joins/sub.html)

select distinct

mems.firstname || ' ' || mems.surname as member,

(select recs.firstname || ' ' || recs.surname as recommender

from cd.members recs

where recs.memid = mems.recommendedby)

from cd.members mems

order by member;

[Produce a list of costly bookings, using a subquery](https://pgexercises.com/questions/joins/tjsub.html)

Question no 1:

Please see the attached excel sheet.

Thank you

Imran rashid