



# **Bus Walah**

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## **Agenda:**

- 1. Problem**
- 2. Solution**
- 3. Technical Highlights**
- 4. Future Enhancements**
- 5. Tech Stack**
- 6. Demo Overview**
- 7. Demo**



## Problem Statement : **Bus Booking and Management System**



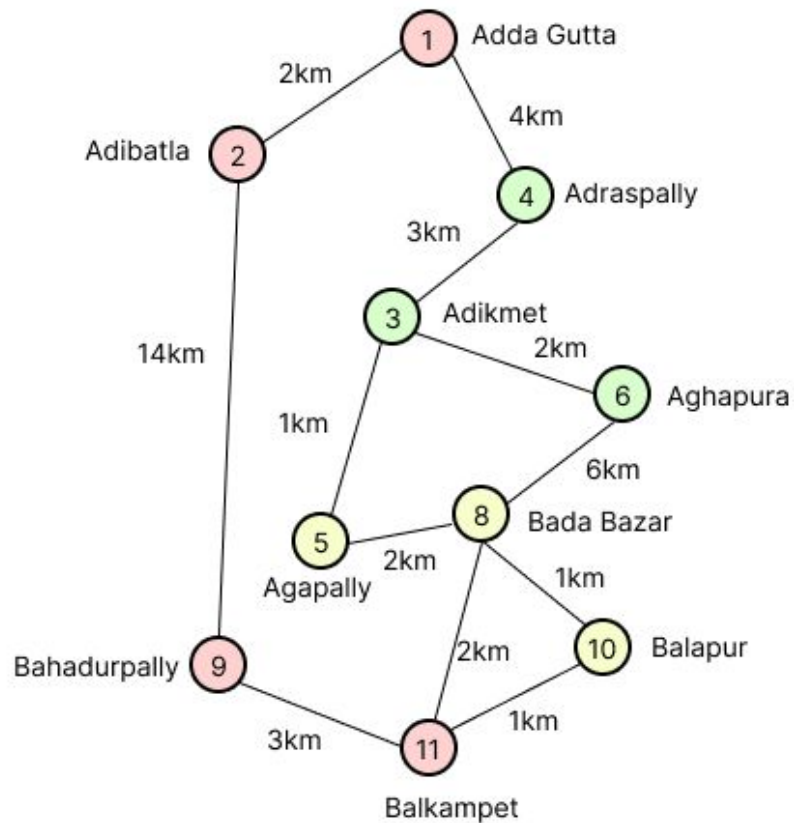
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What we do? : **We are connecting buses to their users.**





## Route Map





## Technical Highlights :

- Shortest path route and all routes.
- Booking for user with mail updates.
- Scalable route generation.





## Future Enhancement:

1. Making faster and better results api to handle robust and big size maps.
2. Making the frontend better to increase user experience.
3. Including other public transport suggestions also.



## Tech Stack :

- **Frontend Part :**
  - HTML
  - CSS
  - Bootstrap
  - Javascript
- **Backend Part:**
  - Core Java 11
  - Java Spring Framework
- **Database:**
  - MYSQL

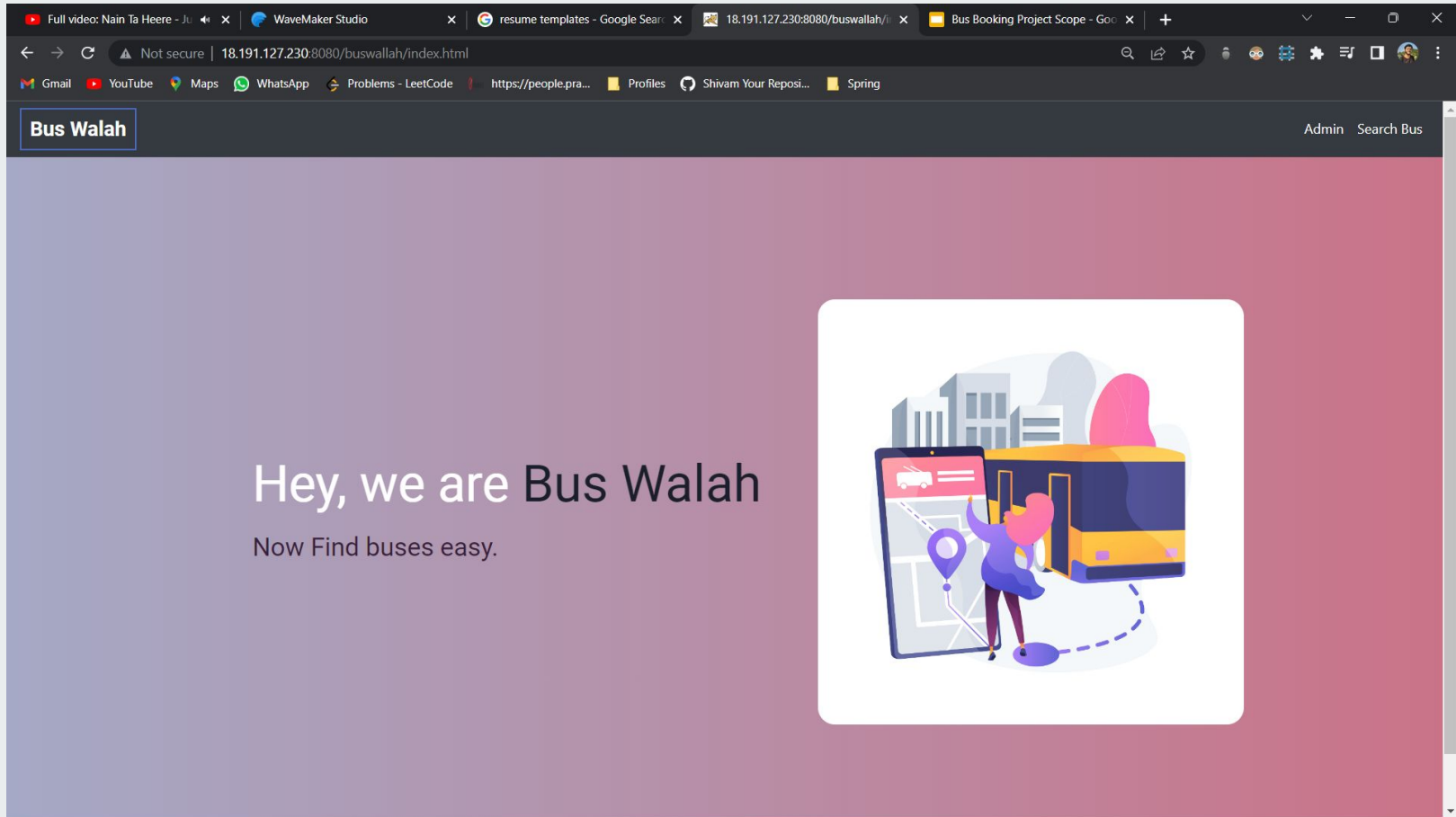











## Demo Overview :

1. Show search results on current routes.
2. Creating a new routes and showing our api will show preferred results.

# Landing page



## Admin Pages

-  Add Bus
-  Connect Location
-  Create Route
-  Add locations
-  Add Route
-  Add Driver
-  Show Routes

### Connect Locations

From Location

To Location

Distance

Connect





## Create Route Path

Choose Route

HYD2MN

Locations

Select

1 Lalaguda

2 Balangar

Connect





## Connect Locations

From Location

Gachibowli

To Location

h

Habsiguda  
Hi-Tech City  
Hyderabad

Habsiguda  
Hi-Tech City  
Hyderabad

Connect



Ud-daa Punjab - Full Video

WaveMaker Studio

resume templates - Google Search

Bus Wallah

Not secure | 18.191.127.230:8080/buswallah/admin.html

Gmail

YouTube

Maps

WhatsApp


Problems - LeetCode


https://people.pra...


Profiles


Shivam Your Reposi...


Spring


 Add Bus


 Connect Location

 Create Route

 Add locations








 Add Route

 Add Driver

 Show Routes

All Active Routes

Route Name	Start Location	End Location	Locations	Buses	Show Route
HYD76HGT	Gachibowli	Mallapur	4	1	Show Route
HYD3PX	Seccunderabad	Seccunderabad	1	1	Show Route
RJH05	Shubash Nagar	Chandrapura	3	1	Show Route
RJH04	Kargali Bazar	Chandrapura	4	1	Show Route
RJH03	Gandhi Nagar	Kargali Bazar	3	1	Show Route
RJH02	Bermo Sim	Kargali Bazar	3	1	Show Route
RJH01	Shubash Nagar	Bermo Sim	3	1	Show Route
HYD2CK	Yousufguda	Chilkaiguda	4	1	Show Route
HYD2RT	Toli Chowki	Uppuguda	3	1	Show Route
HYD2LK	Shamirpet	Toli Chowki	3	1	Show Route
HYD2MN	Uppuguda	Balapur	3	1	Show Route

-  Add Bus
-  Connect Location
-  Create Route
-  Add locations
-  Add Route
-  Add Driver
-  Show Routes

## Add Driver

Driver Name

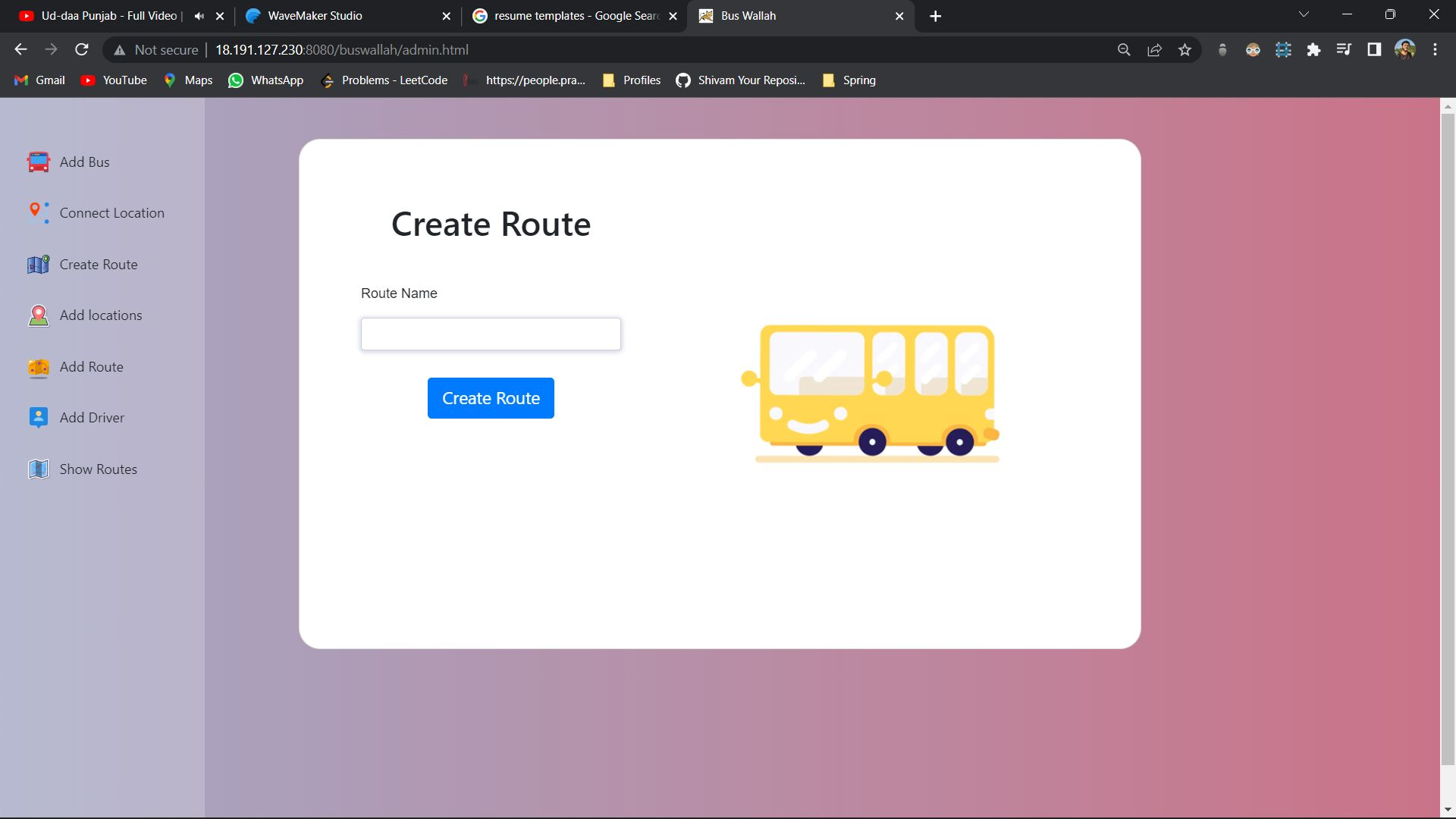
Driver Number

Driver Email

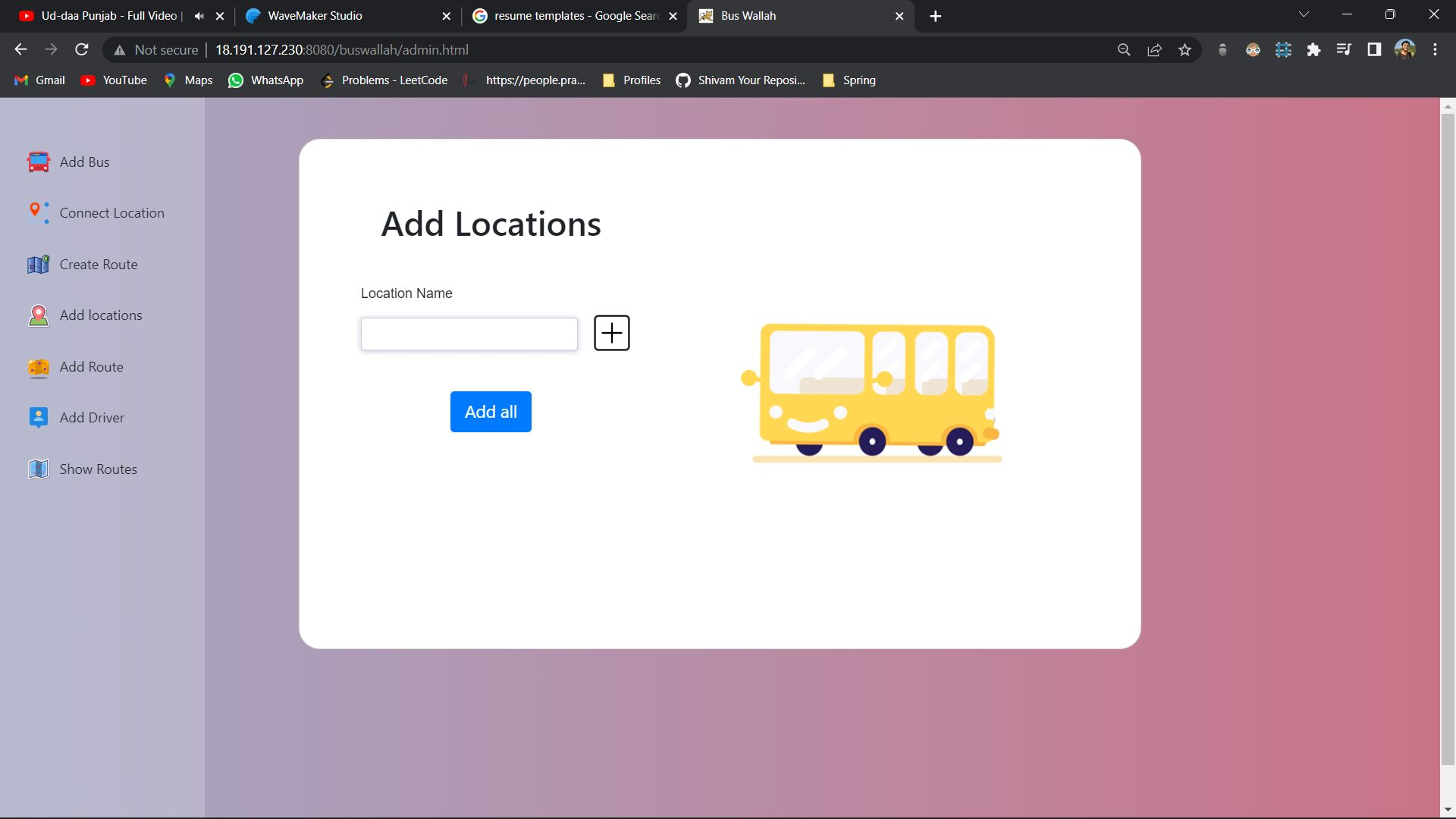
Bus Name

Add Driver









Add Bus



Connect Location



Create Route



Add locations



Add Route



Add Driver



Show Routes

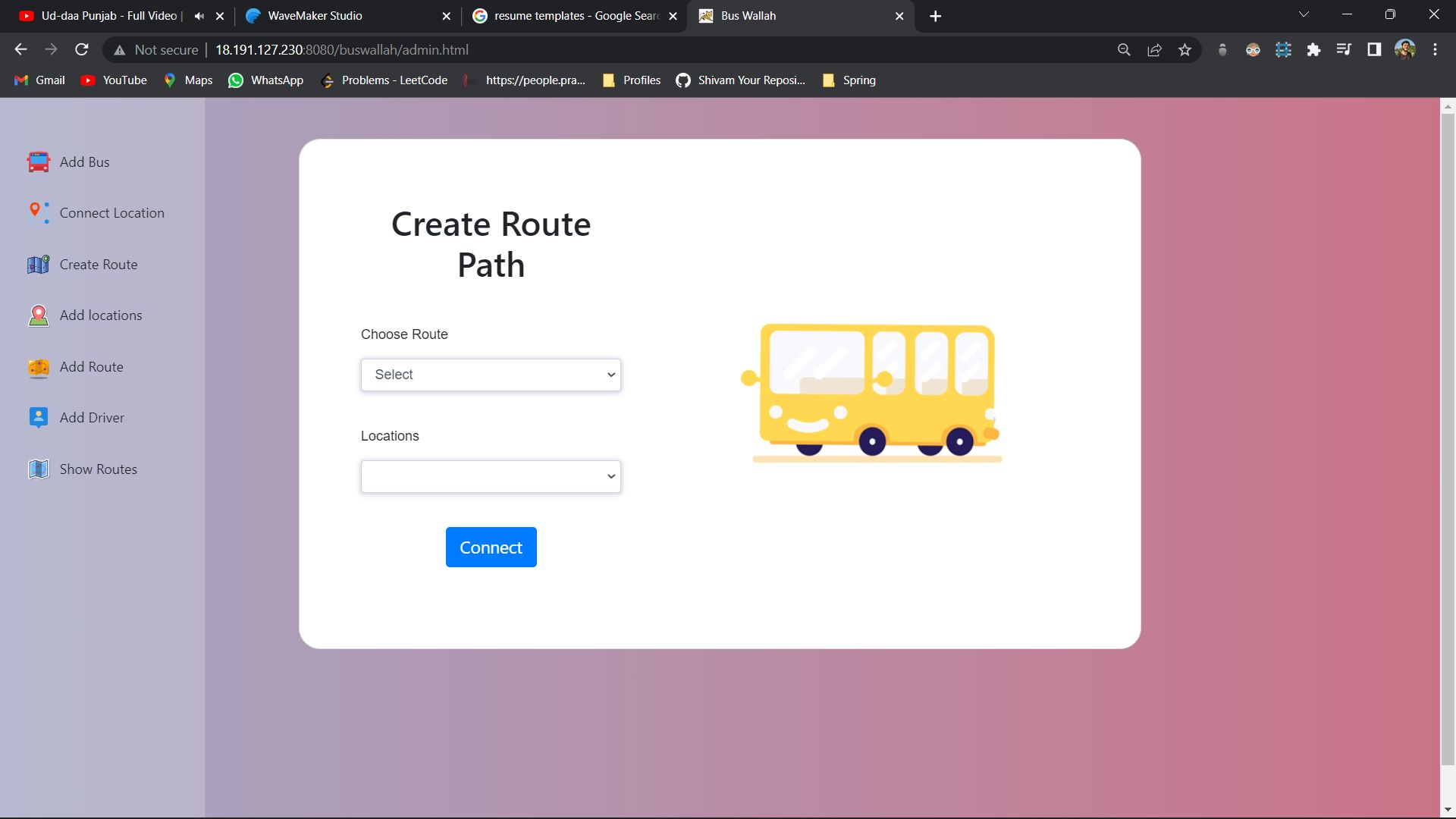
## Add Locations

Location Name

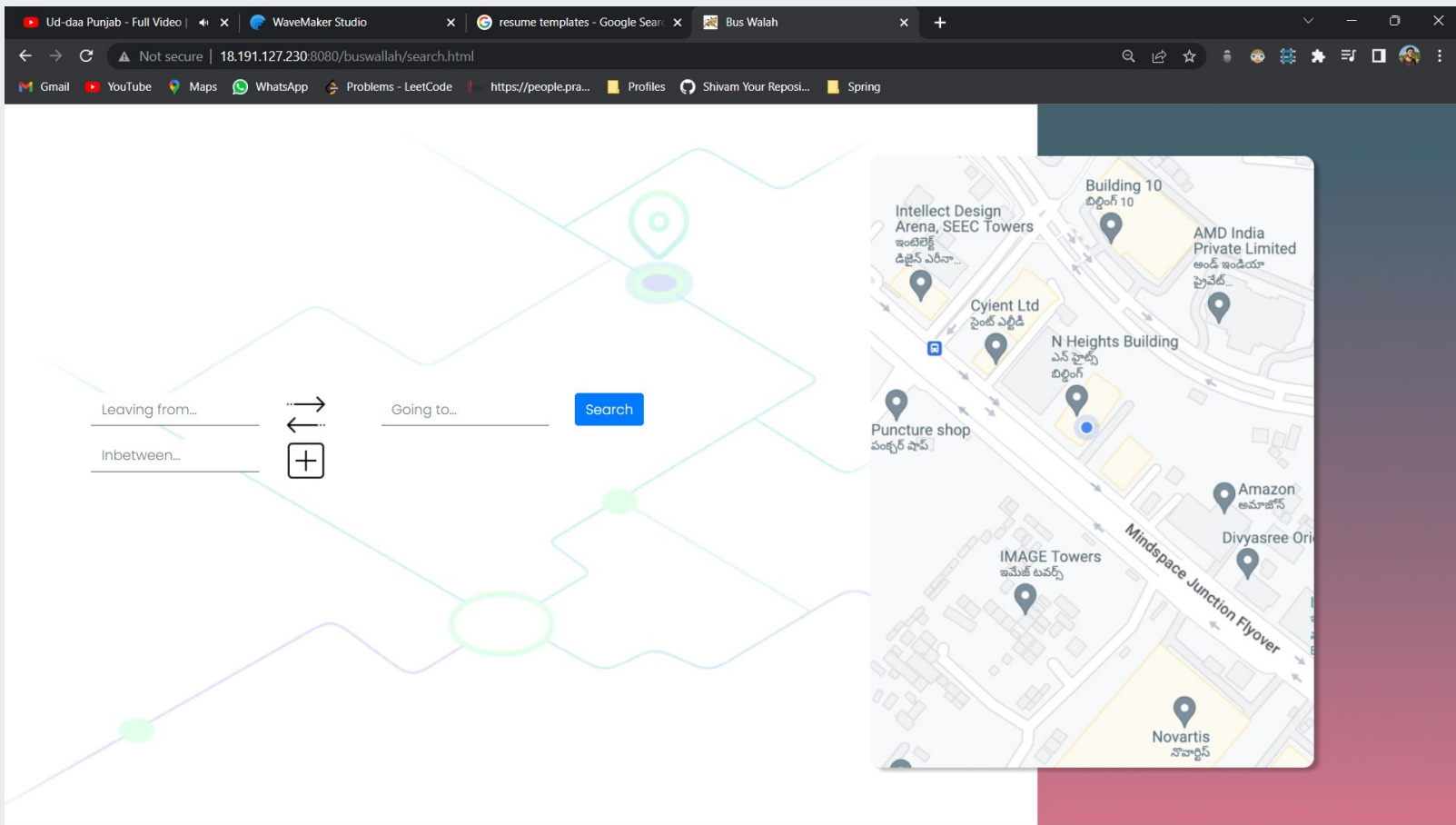


Add all





# User Search Buses page



# Bus Walah

	Route Name	Bus Name	Bus Number	Total Distance	Total Fare	Number of Seat	
Shubash Nagar	RJH01	Shaktipunj	JHO9XYZ	3	18	30	<button>Book</button>
Gandhi Nagar							
Gandhi Nagar	RJH03	Shekhar	JH09TRS	15	90	30	<button>Book</button>
Kargali Bazar							

Route no 3
Shubash Nagar
RJH05
Shatabdi
JHO9STX
33
198
30
<button>Book</button>
Chandrapura
Chandrapura

# Bus Walah

Shubash Nagar

Route Name	Bus Name	Bus Number	Total Distance	Total Fare	Number of Seat
Route no 1					
RJH01	Shaktipunj	JHO9XYZ	5	30	30

Book

Bermo Sim

Route Name	Bus Name	Bus Number	Total Distance	Total Fare	Number of Seat
Route no 2					
RJH02	Purushotam	JH09PQR	9	54	30

Book

Kargali Bazar

Route no 2

Shubash Nagar

RJH01	Shaktipunj	JHO9XYZ	3	18	30	Book
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# Bus Walah

Gandhi Nagar

Gandhi Nagar

<u>Route Name</u>	<u>Bus Name</u>	<u>Bus Number</u>	<u>Total Distance</u>	<u>Total Fare</u>	<u>Number of Seat</u>	
RJH03	Shekhar	JH09TRS	15	90	30	<button>Book</button>

Kargali Bazar

## Route no 3

Shubash Nagar	RJH05	Shatabdi	JHO9STX	33	198	30	<a href="#">Book</a>
Chandrapura Chandrapura	RJH04	Shaktiman	JH09STU	16	96	30	<a href="#">Book</a>
Kargali Bazar							

# Bus Walah

Route no 1

Shubash Nagar

RJH01

Shaktipunj

JHO9XYZ

5

30

30

Book

Bermo Sim

Bermo Sim

RJH02

Purushotam

JH09PQR

9

54

30

Book

Kargali Bazar

Route no 2

Shubash Nagar

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