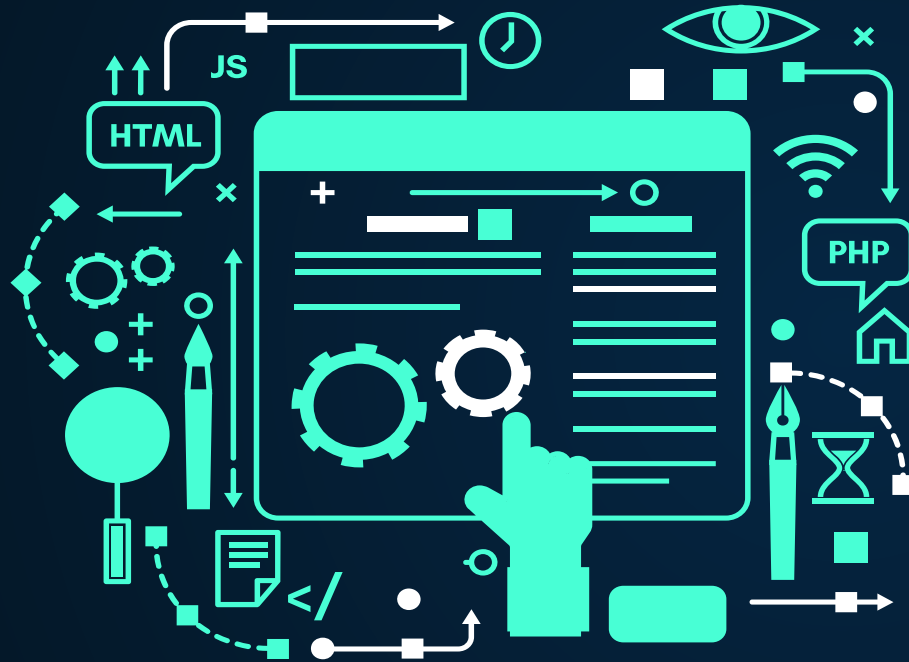


# FastX Bus Ticket Booking

By Team 10 - Roshan and  
Rohan

Mentor - MOHD. JAVEED SIR



# TABLE OF CONTENTS

---

**Problem Statement &  
Technology Used**

**01**



**Roles**

**02**



**Admin Functionalities**

**03**



**04**

**Bus Operator Functionalities**



**05**

**User Functionalities**



**06**

**System Functionalities &  
Application Flow**



# Problem Statement & Technology Used

**PROBLEM STATEMENT:** The FASTX online BUS TICKET BOOKING SYSTEM is a web based application that allows user to search for bus routes and book tickets online. It connects passengers with bus operators, simplifying the process of, planning journeys, and managing bookings.

## Technologies Used:

- Frontend: Angular Js.
- Backend: Java, Spring Boot.
- Database: MySQL.
- Authentication: JSON Web Tokens (JWT) for secure user authentication.



## Roles

---

- Admin
- Bus Operator
- User
- System

# Admin Functionalities

---



- Log In
- Add Buses
- Display all admins and all users details
- Display all buses and all bus operator details
- Can Update Admin Profile
- Logout

# Bus Operator Functionalities

---



- Log In as Bus Operator
- Can fetch/delete Bus Details
- Update Bus details and Bus Operator details
- Logout

# User Functionalities

---



- User Registration / SignUp
- User Login.
- Search Bus by Routes
- Book Bus
- View Booking Details
- Edit Profile

# System Functionalities

---



- Authenticate User
- Store Bus routes .
- Store Booking Information.
- Store User and Bus Operator Information.



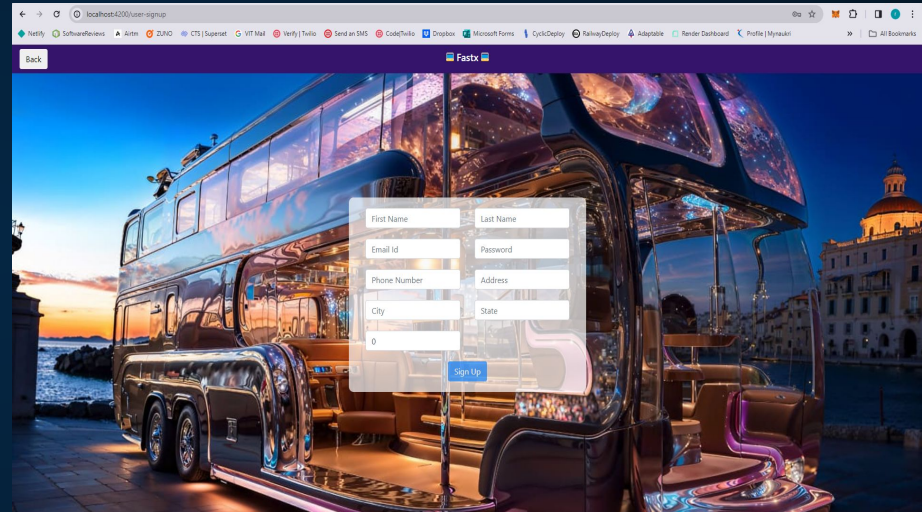
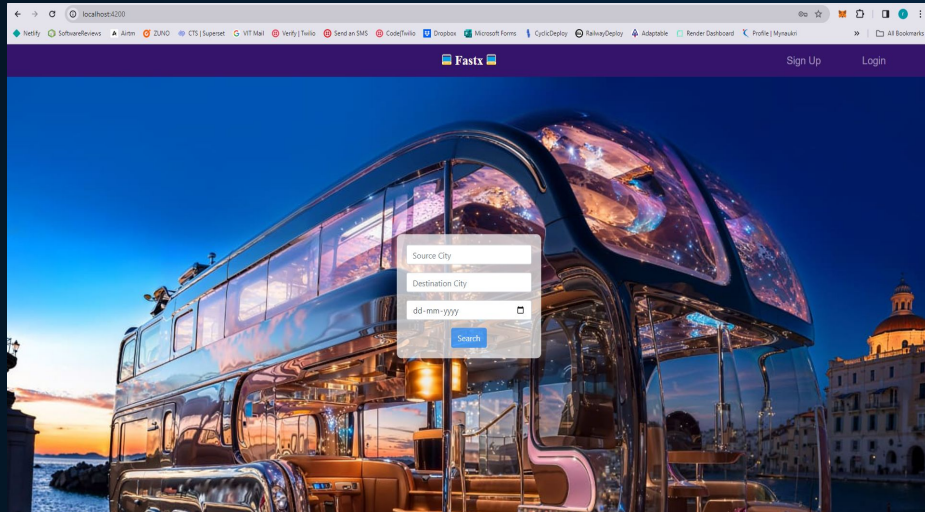
# Flow of Application

---

- At First, we will open the application which will redirect us to the home page.
- Then in home page we will get an option to Search Bus by routes.
- Also we will get an option to sign up as user and login as Admin, Bus Operator or Passenger.
- After login as admin we can Add Bus, Display all admins and all users details, Display all buses and all bus operator details also we can Update Admin Profile.
- After signup or login as user we can Search Bus by Routes, Book bus, view booking details also can edit user profile.
- After login as bus operator we can Can fetch/delete Bus Details, also can Update Bus details and Bus Operator details.

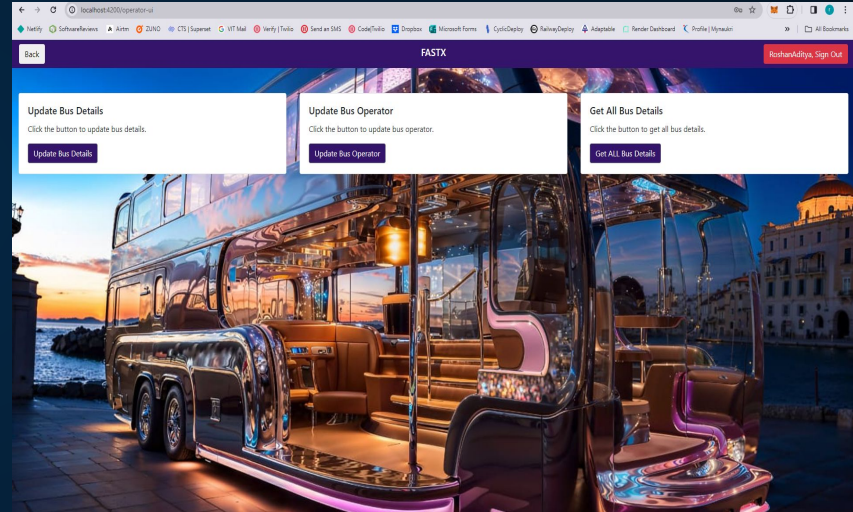
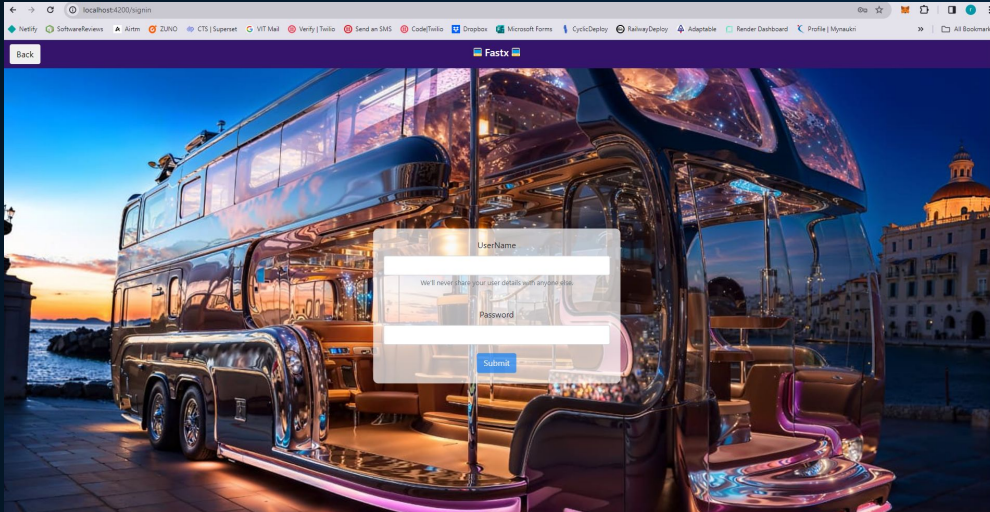


# Screenshots





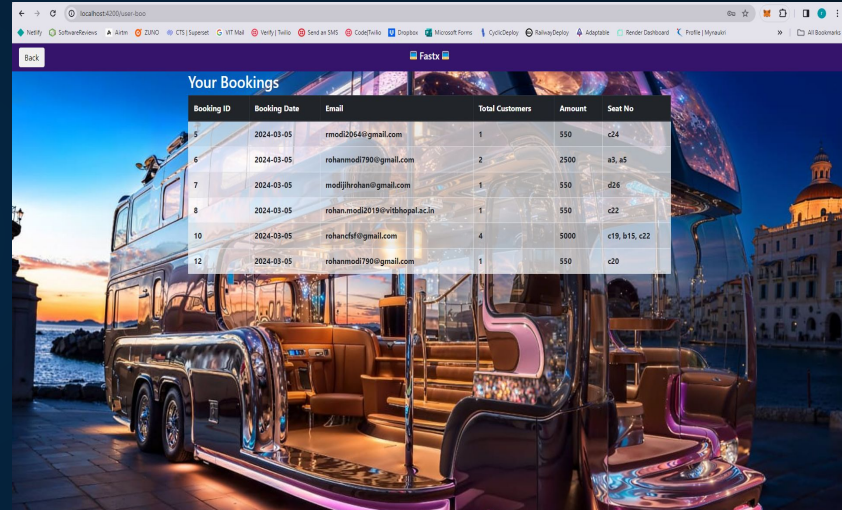
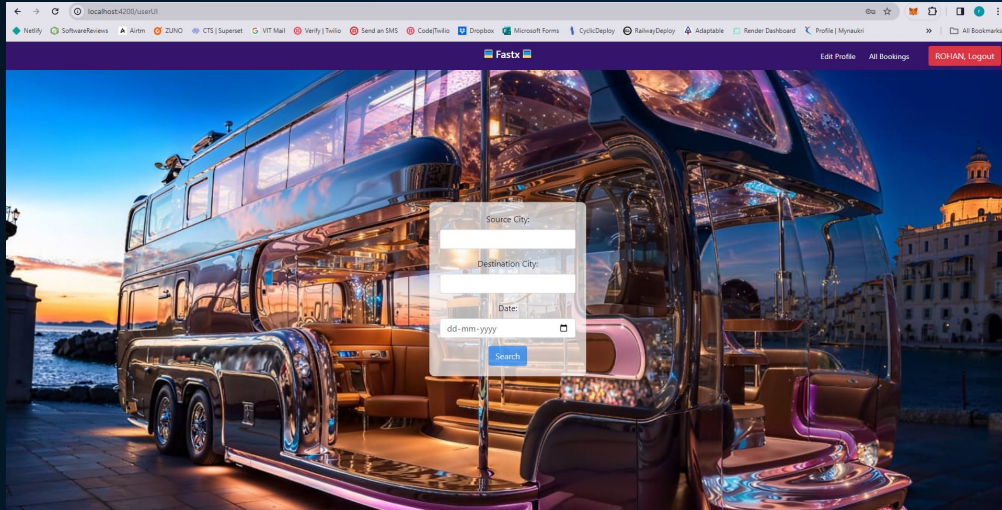
# Screenshots







# Screenshots





# Screenshots

[Back](#)

Fastx

### Bus Details

Bus ID	Bus Number	Capacity	Source City	Destination City	Distance (Kms)	Duration (Hours)	Departure Time	Fare	Date	Actions
7000	1	23	Chennai	Madurai	450	8	19:30	550	2024-03-05	<a href="#">Book</a>

Fastx

[Back](#)

c1

c2

c3

c4

c5

c6

c7

c8

c9

c10

c11

c12

c13

c14

c15

c16

c17

c18

c19

c20

c21

c22

c23

[Proceed](#)



# Screenshots

Fastx

Back

Fastx Booking Details

Booking Details of user

Travel Date

05-03-2024

Email

rohandsf@gmail.com

Total Amount

550

Seat No

c23

Number of Passengers

1

Book a Ticket

Fastx

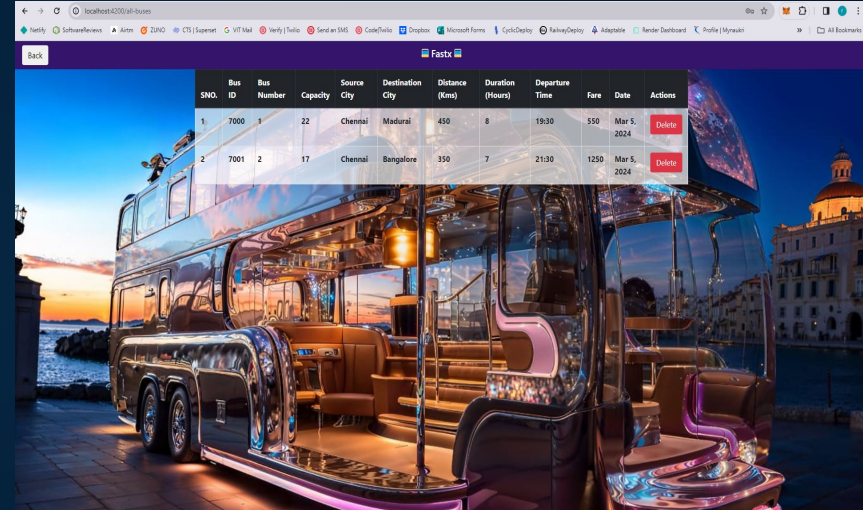
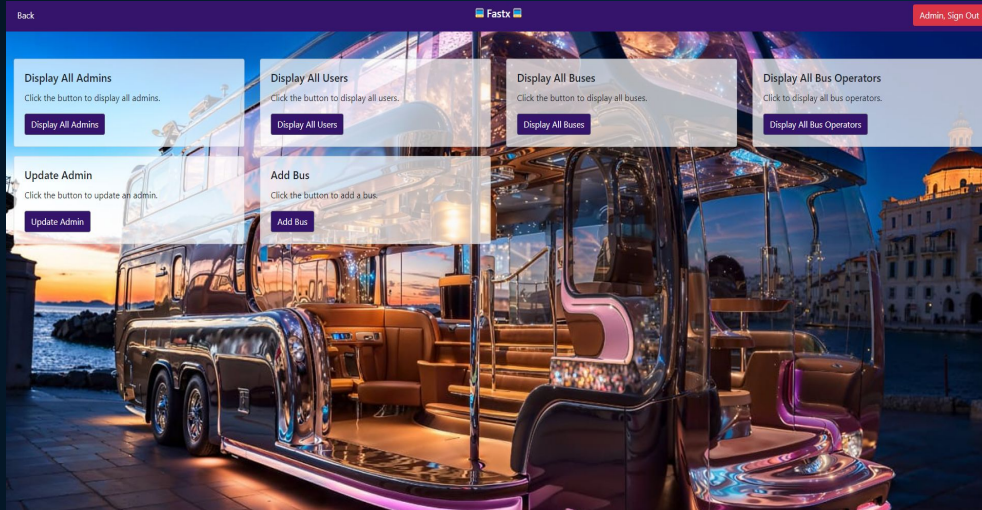
Ticket Details

Source	Chennai	Destination	Madurai
Travel Date	2024-03-05	Booking Id	13
Seat No	c23	Name	ROHAN MODI
Bus Id	7000	Arrival Time	19:30
Total Fare	Rs 550		





# Screenshots





# Screenshots

Back Fastv

SNO.	User ID	First Name	Last Name	Email	Phone Number	Address	City	State	ZipCode	Actions
1	1	Jaideepnath	Anand	sjal5351@gmail.com	9999999999	Vadodhara	Vadodhara	Gujarat	300018	Delete
2	2	ROHAN	MODI	rohanmodi790@gmail.com	6267308977	302 MIG VIJAY NAGAR DEWAS (M.P	DEWAS	MADHYA PRADESH	455001	Delete

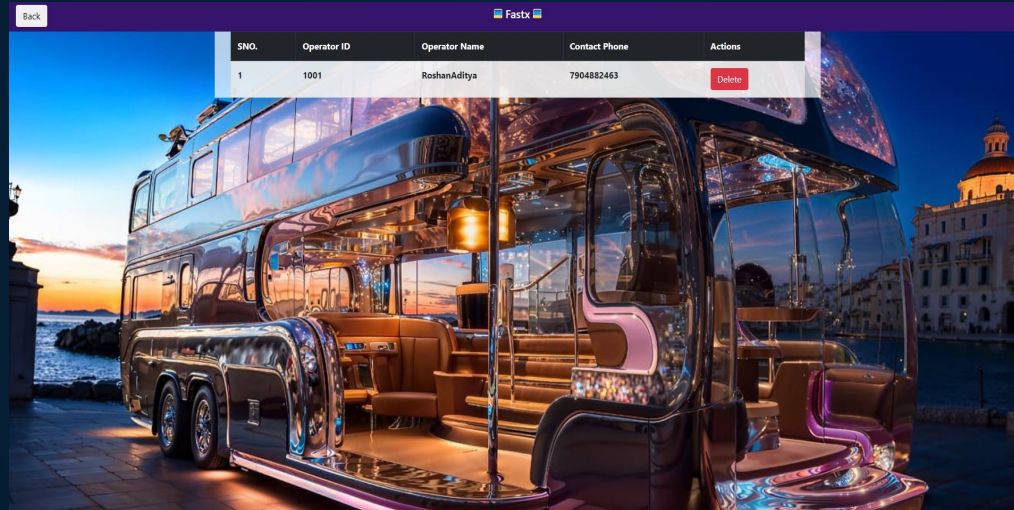
Back Fastv

SNO.	Admin Id	First Name	Last Name	Email	Phone Number	Actions
1	1	Admin	Admin	admin@gmail.com	7904882463	Delete



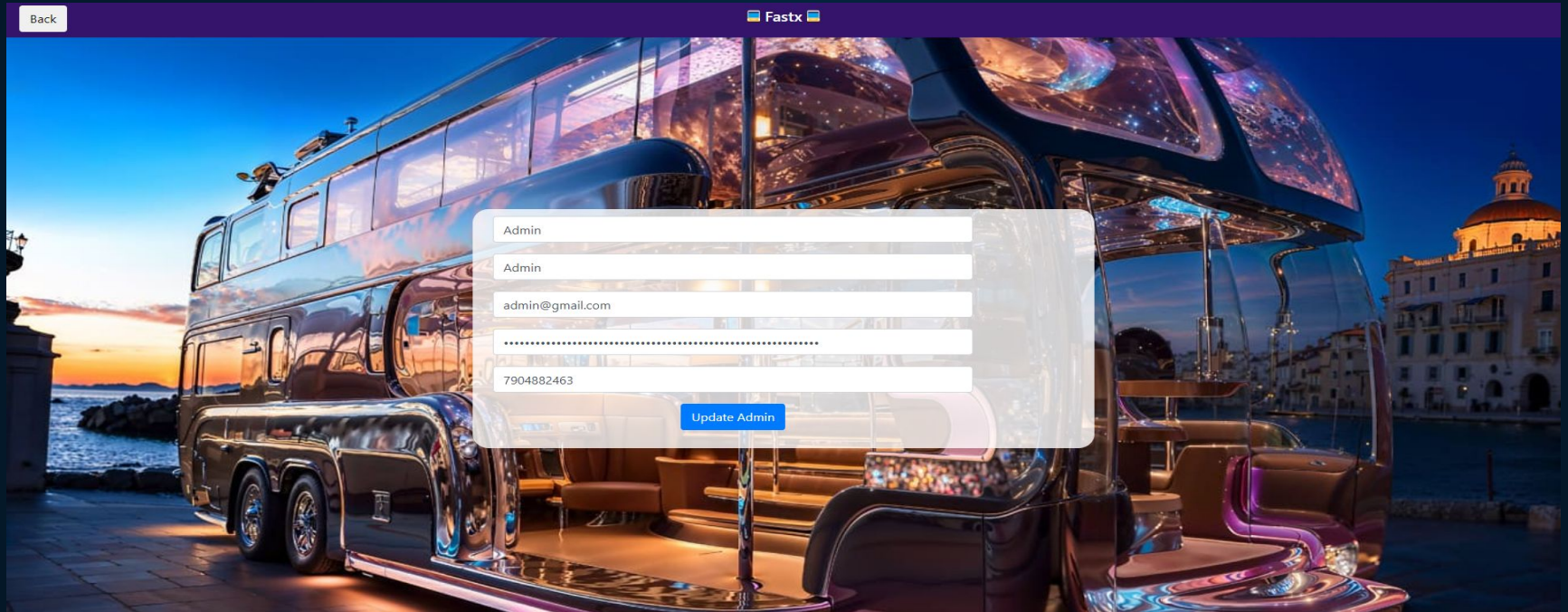


# Screenshots





# Screenshots





# Screenshots

Back Fastx

Bus Number - Fill this field

0

Source City - Fill this field

Destination City - Fill this field

0

0

Departure Time - Fill this field

0

# THE TEAM

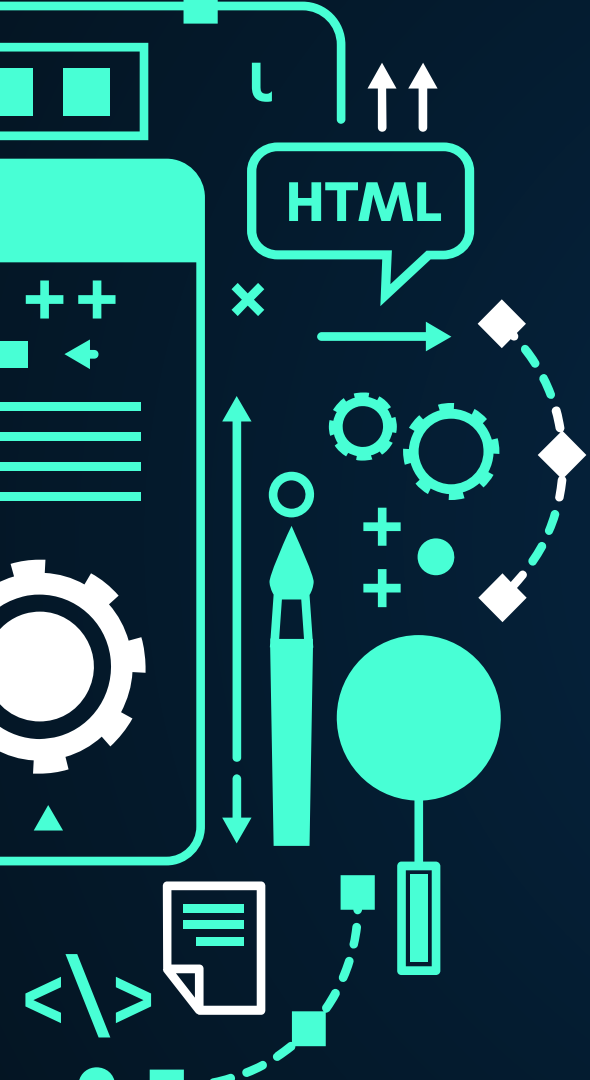
---



**ROSHAN ADITYA M**



**ROHAN MODI**



# THANKS!