



RIDE ON

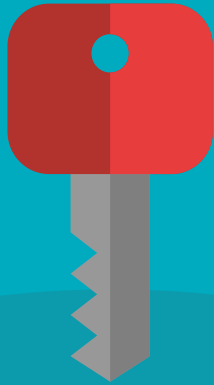
Rideshare Application

By Team Right On!
Matthew Heine
Liam Kim





MEET THE TEAM





Matthew Heine

BS Resource Conservation

Dev-10 Associate

I love to explore creativity and turn
ideas into reality

Traveling, skiing, learning new
languages

Missoula, MT
mheine@dev-10.com

Driver License



Liam Kim

Bachelors in Chemistry

Dev-10 Associate

I love translating my imagination into bits of data and physically perceiving them

Singing, talking, playing games, and spending time with people I love



MACON, GA
lkim@dev-10.com

Driver License

TECHNOLOGIES USED

Front-End

JavaScript, React.js,
Node.js, JSON, HTML,
CSS

Back-End

Java, MySQL, Maven,
JdbcTemplate

Framework

Spring Boot, React



TECHNOLOGIES USED

JUnit, Mockito,
Validation API

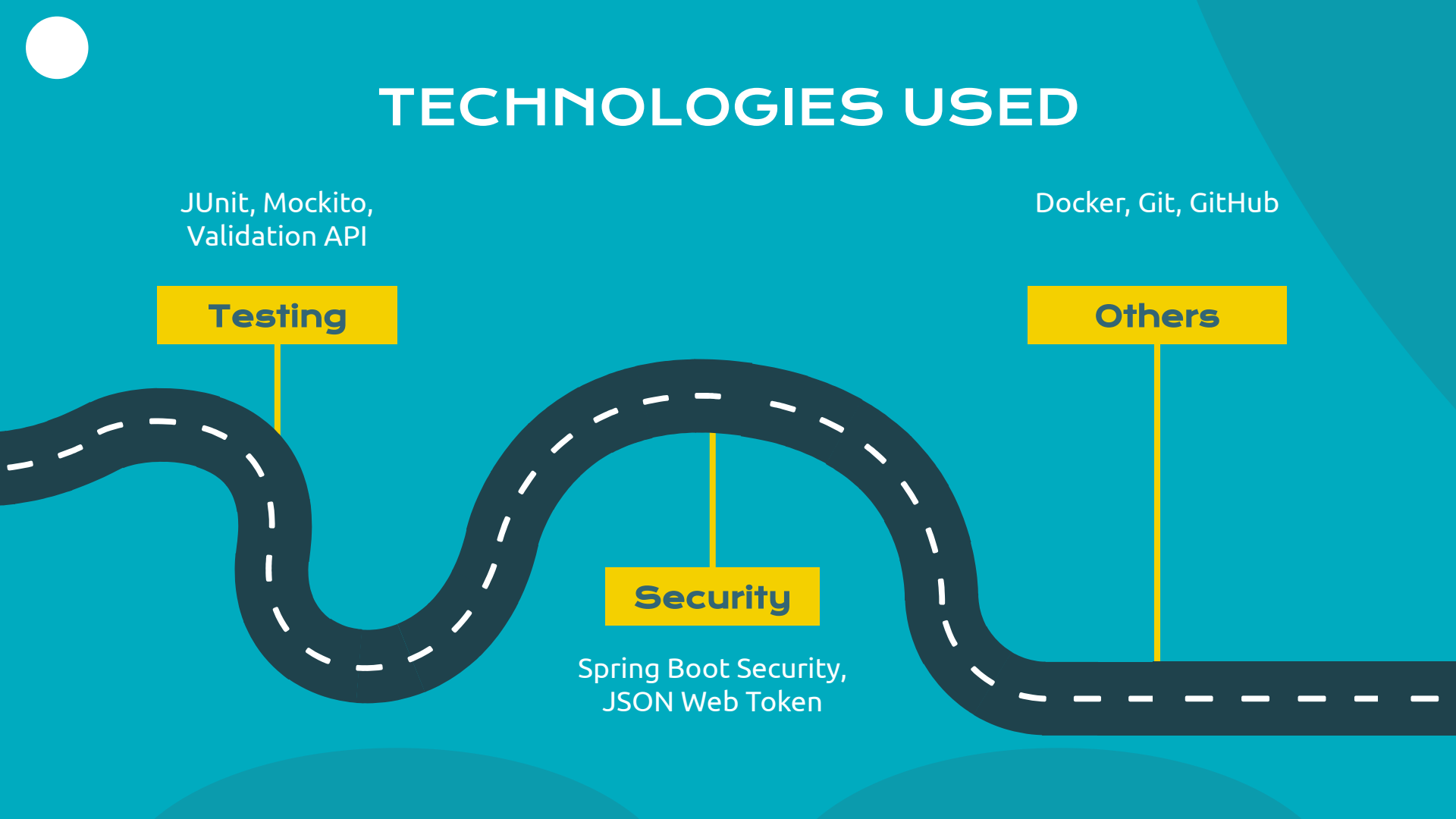
Testing

Docker, Git, GitHub

Others

Security

Spring Boot Security,
JSON Web Token



The background of the slide is a stylized illustration of a car's interior. At the top center is a rearview mirror with a small red indicator light. Below it, the text 'Responsive Design' is centered. Further down, a paragraph of text is centered. Below the text is a yellow rectangular box containing the words 'LEARNING GOAL'. At the bottom of the slide, a steering wheel is visible on the left, and a dashboard with two circular gauges and a central display is shown. The background is a solid blue color with some darker blue curved shapes on the sides.

Responsive Design

We implemented responsive front-end languages to automatically resize, hide, shrink, or enlarge, our application for all device sizes.

LEARNING GOAL

RIDE ON

What is the primary goal?

👍: "Ride On" aims to instill faith and trust in the community by connecting drivers of everyday trips with passengers looking for a ride to the same destination. All while saving money and resources, reducing traffic congestion, limiting environmental impacts, and fostering friendships along the way.



RIDE ON

What are the features?

👍: It connect drivers and passengers willing to travel together between cities and share the journey cost.

👍: The company does not own any vehicles.

👍: This application makes it fun and affordable to carpool from city to city in the United States of America.

Save money, reduce your carbon footprint, and make new friends.



RIDE ON

Safety concerns?

- 👍: We verify users via identification.
- 👍: Allow users to choose who they travel with.
- 👍: Provide active admin monitoring of trips through GPS tracking.
- 👍: Guarantee that drivers are registered and insured, and more!

We go the extra mile to ensure members have a safe experience using "Ride On"



RIDE ON

How is it different from Uber and Lyft?

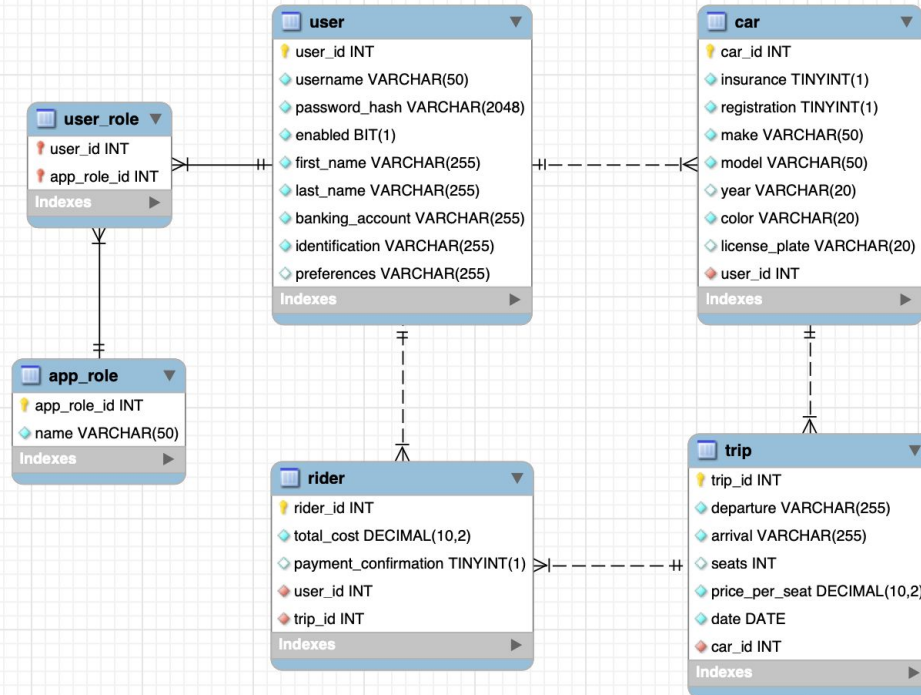
With Ride on, the driver is the one making the decision on where to go and the passenger tags along.

👍: Uber and Lyft focus on an on-demand type of business model where you request a ride and someone with a car will accommodate to your desires, in other words the passenger is the one who runs the show and the driver follows along.

And most importantly, much cheaper than Uber and Lyft!



DATABASE SCHEMA





DEMO

A graphic of a yellow license plate with a grey border and four dark blue dots in the corners. The word "DEMO" is written in a bold, dark blue, sans-serif font in the center of a white rectangular area on the plate. The background is a teal color with geometric shapes.

ACHIEVEMENTS

TEAMWORK

- Motivation factor
- Hype-machine partners!
- Having fun in general

STRUCTURE

- Organizing the structure/refactoring files and codes



TESTING

- Mockito
- Foreign key constraint deleting

DATABASE

- Creating database schema + relationships



CHALLENGES

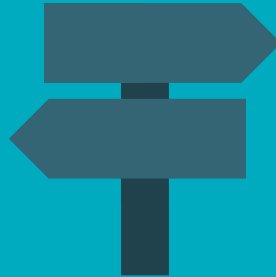
Horizontal Development

Horizontal vs vertical development



Rendering Buttons

Rendering different buttons depending on user's role/status



Server + Client

Connecting the server and the client



FUTURE GOALS

1

Rating

Allow users to give feedback on their experience and help others

2

User Profile

Accessibility to view and update user profiles

3

OpenID Connect

Implementing Google and Social Media Accounts for sign-in

THANKS

Do you have any questions?

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