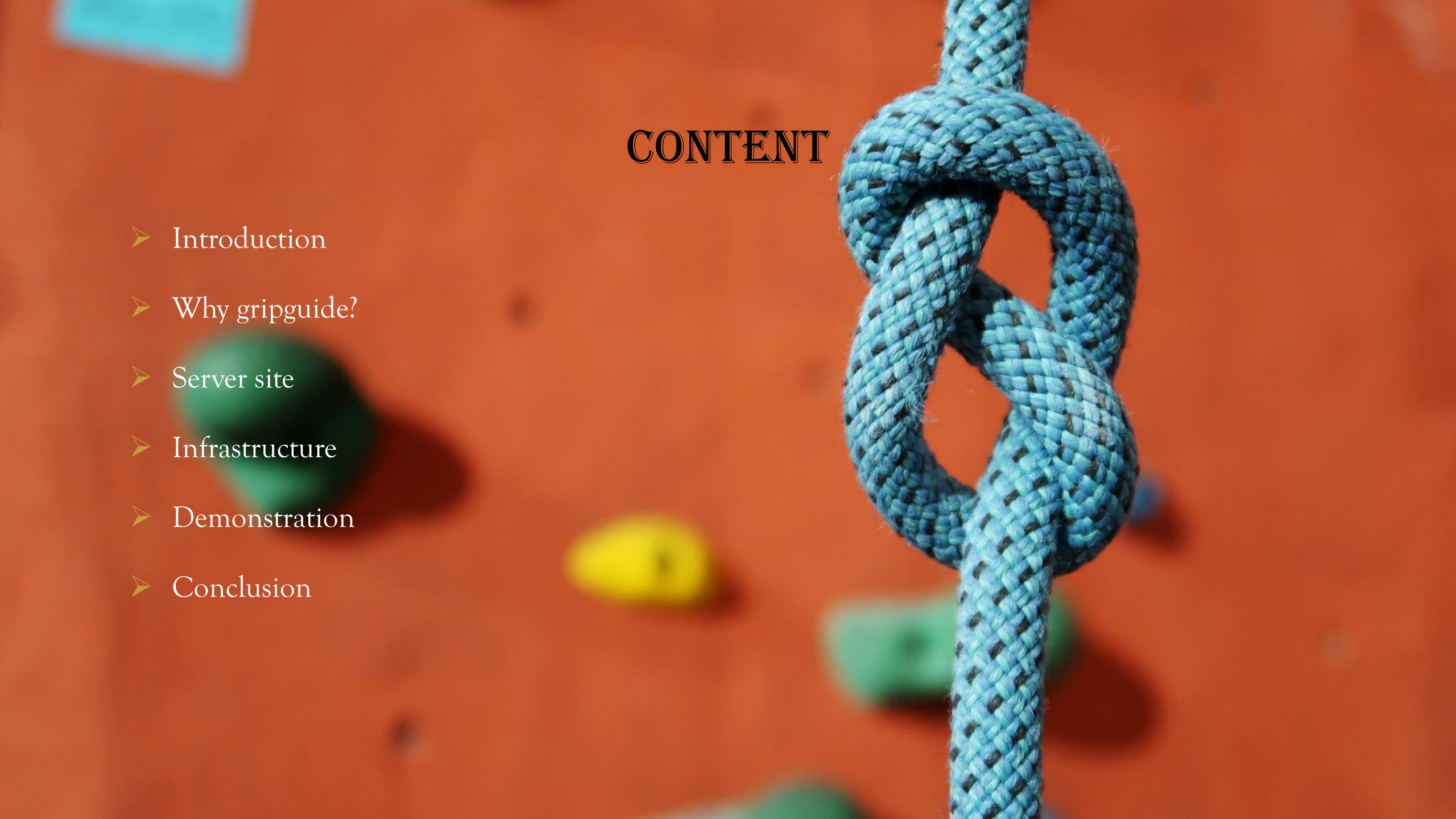


The background is a solid orange color. On the right side, a blue rope with a dark brown woven pattern is tied in a knot. To the left of the knot, there are several out-of-focus, colorful shapes: a light blue square at the top left, a green oval in the middle left, a yellow oval in the bottom middle, and a green oval in the bottom right.

CHALLENGE TASK FS2023

GRIPGUIDE

CONTENT



- Introduction
- Why gripguide?
- Server site
- Infrastructure
- Demonstration
- Conclusion

INTRODUCTION

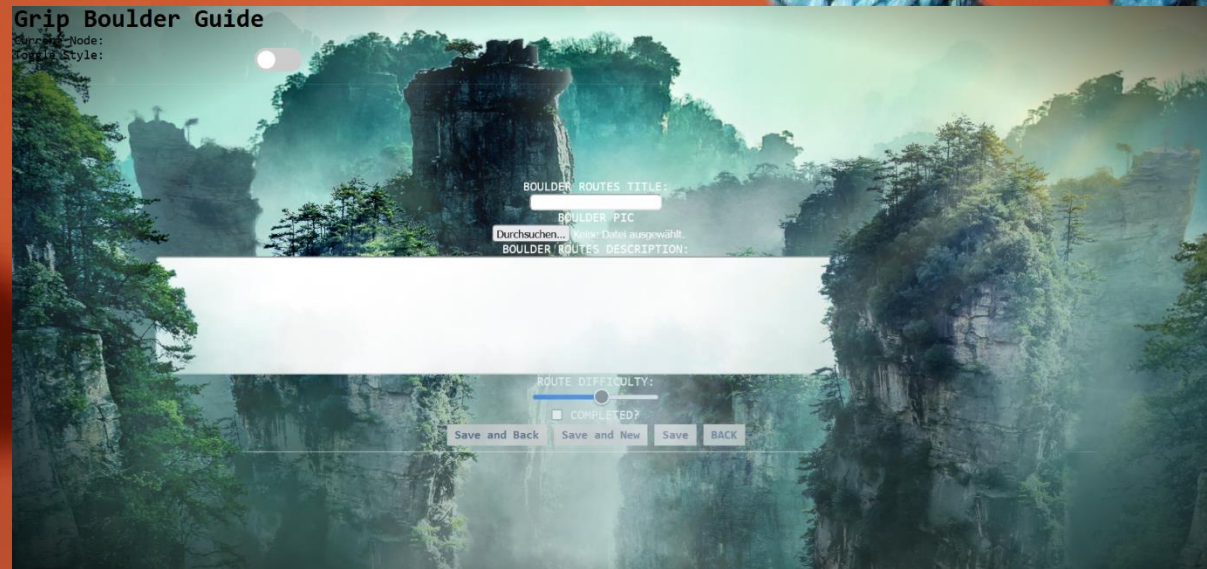
- What does our application do?



- It provides a platform for discussing climbing routes

INTRODUCTION

- What does our application do?



- Look up routes, comment on it
- Keep track of mastered routes

WHY GRIPGUIDE

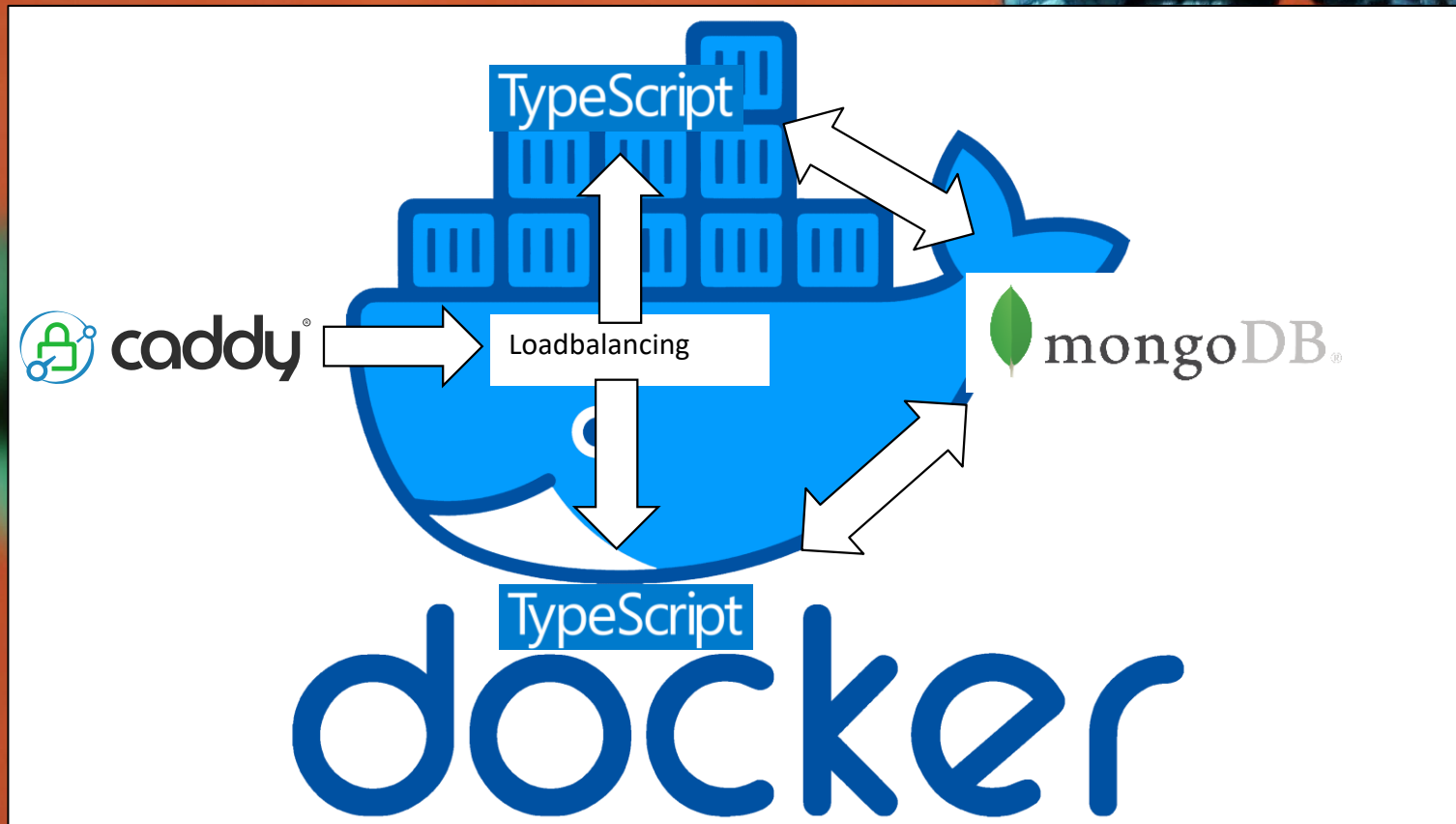
- We are interested in climbing and there aren't a lot of options for this subject
- Have the possibility to discussing it with a visualization
- Take comment from other climbers and get interesting feedback on for the routes



SERVER SITE

- Responsive web design
- Dockerized application including MongoDB, Caddy and two services
- Front/Backend in express/typescript
- Caddy as a loadbalancer and failover
- MongoDB for persistence

INFRASTRUCTURE



DEMONSTRATION



CONCLUSION

A blue rope knot, possibly a reef knot or square knot, is positioned on the right side of the slide. The rope has a distinct braided texture. The background is a solid orange color with some blurred green and yellow shapes, suggesting a natural or outdoor setting.

- Learning about distributed systems

how they are in principle implemented

- Learning about Caddy as loadbalancer and failsave

was quite interesting and new

- Learning about docker and its use cases

- Learning about mongoDB