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# Travel Planner

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# Description of the Project

- Helps travelers organize their trips and keep track of their experiences.
  - Create detailed plans by adding destinations, activities, and schedules
  - Save important details like hotel bookings, transportation, and places they want to visit, all in one place.
  - Write about their experiences and add photos
  - Tag destinations
- A visual timeline and map feature help users see where they've been

# Tools Used



**Github:** Rating: 5, The purpose is to be able to share code across people and store a safe main for code

**Docker:** Rating 5, The purpose of this is to be able to run code locally in the browser

**VsCode:** Rating 5, The purpose of this is to be able to write and modify code

**Handlebars:** Rating 4, The purpose of this is to create templates for your website easier to work on and more dynamic

**ChatGPT:** Rating 5, The purpose of this is to troubleshoot issues and to help with the writing of code

**Bootstrap:** Rating 5, The purpose of this was to provide a simple way to add a good looking style to your website

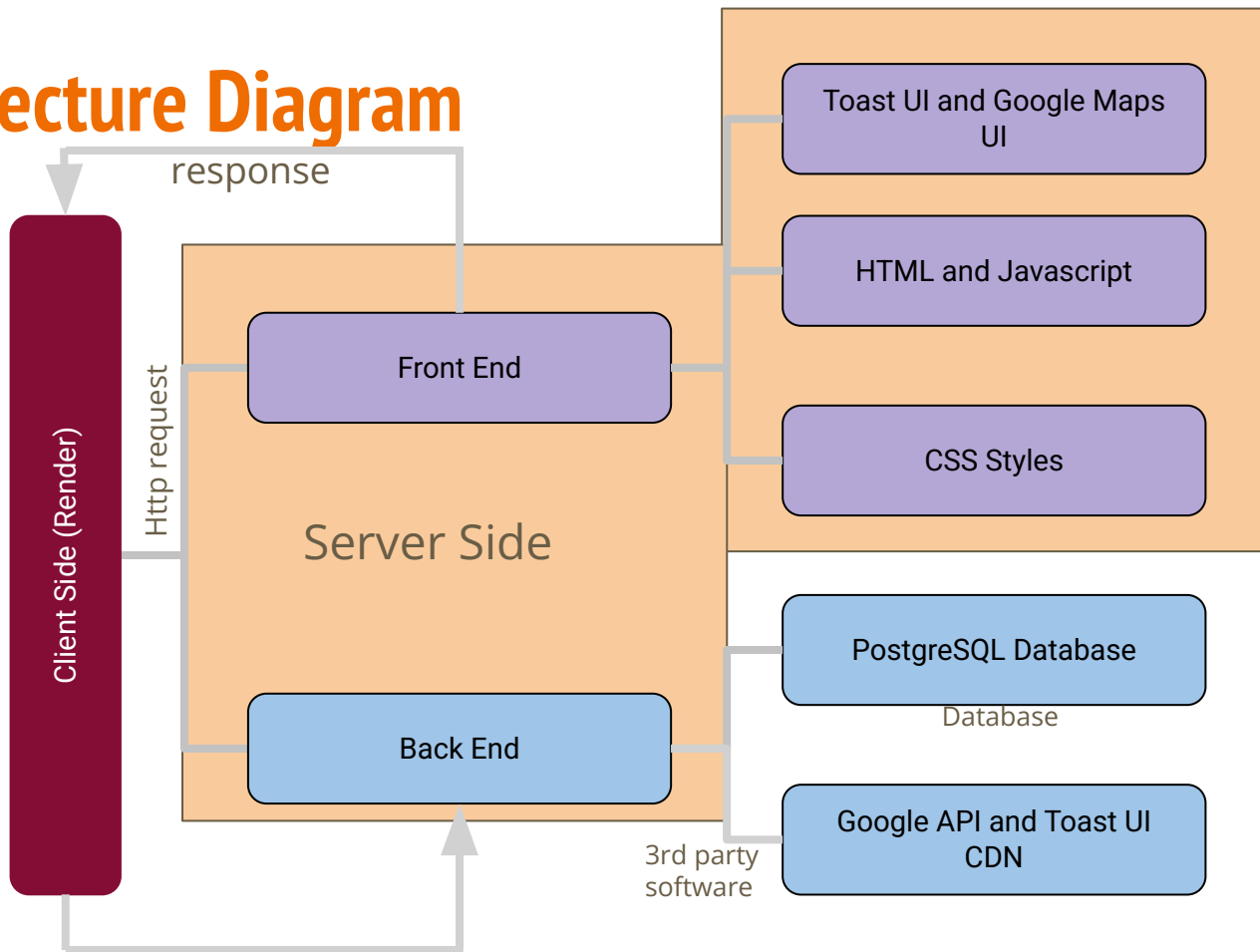
**Google Maps:** Rating 4, The purpose of this was to provide a map that was updated in real time. SET UP WAS HARD

**Toast UI:** Rating 3, The purpose is to implement a fully interactive calendar to our website. NOT EASY TO MODIFY

**Render:** Rating 4, The purpose of this was to be able to host a website not on a local device

**PostgreSQL:** Rating 4, The purpose of this was to make it easy to store data and to make changes to the websites information

# Architecture Diagram



# Challenges

- We had Github issues with workflow
  - Worked on separate branches to avoid pushing to main
- API issues when getting the google maps UI
  - Used proper identification with google
- Toast UI was hard to work with
  - Used public documentation to figure out how to use it
- Connecting SQL to Front End was tough
  - Trial and error through database work
- CSS styling took some time
  - Working with bootstrap and other documentation to get it to look how we wanted
- How to upload photos to the journal was hard
  - Research about the issue fixed the problem

# Future Enhancements

- Adding a sharing feature to share trips between users
- Adding a date section to the events that are between the dates of the trip
- When clicking the pin have it redirect to trip detail page of that trip
- Render events within their trips on the calendar
- Connecting the locations of each event to the trip and making a trip route on the map adding 3D icons of each thing (i.e. hotel, theme parks, etc.)

**DEMO TIME**

# Video of Travel Planner

