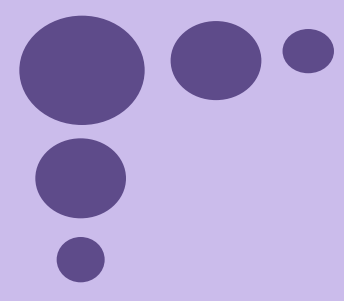




Movie Mate



The Team:

Neha Ramachandra

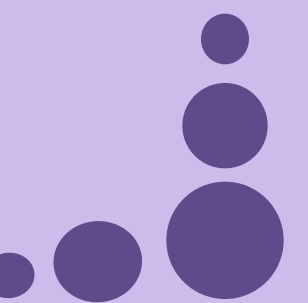
Conner Groth

Joe Zakrzewski

Lizzie Ruff

Maeve Pettey

Ella Pasternak





What is MovieMate?

MovieMate is a social media platform designed exclusively for movie fanatics who want more than just reviews—they want connection.

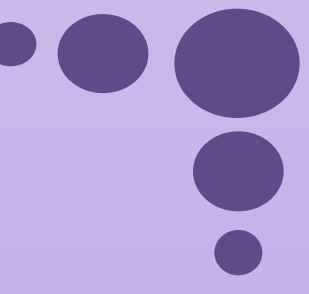
With MovieMate, users can rate and comment on the movies they've watched, discover new films tailored to their tastes, and most importantly, build a community with fellow film lovers.

Think of it as the perfect blend of a watchlist tracker, movie recommendation engine, and social hub.

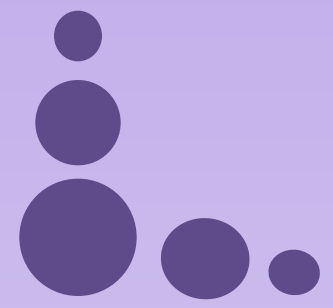
Users can create and view posts about their favorite films, interact with friends' recommendations, and keep an evolving list of what they've watched and what they want to see next.

Whether you're a casual viewer or a hardcore cinephile, MovieMate gives you a space to share your opinions, discover hidden gems, and connect with others who share your passion for cinema.

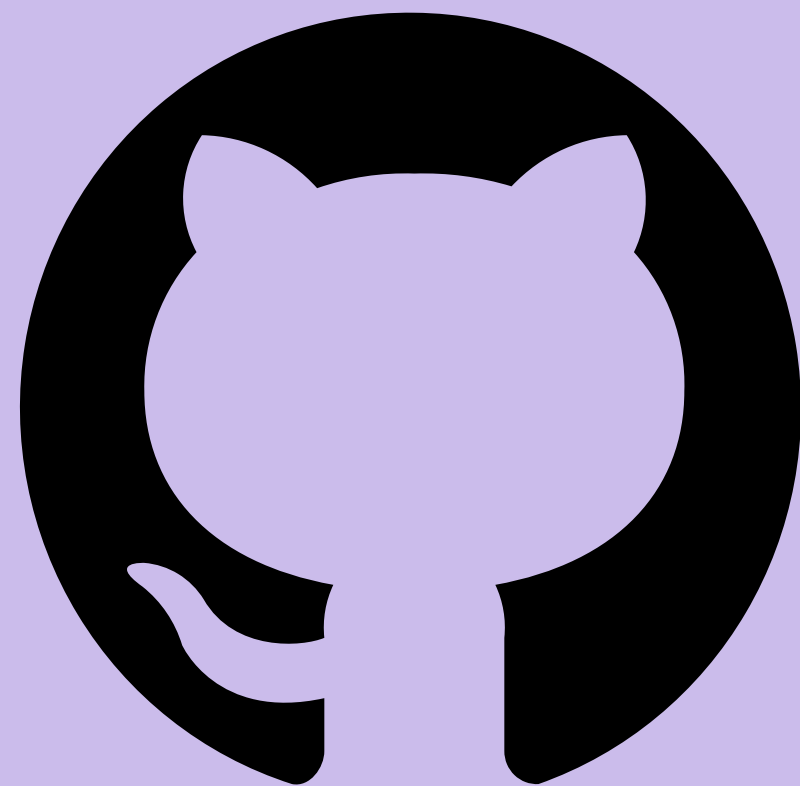




Tools we used



Project Planning & Source Control



3/5

GitHub Repository

Version control for source code.

GitHub Project Boards

For planning tasks, organizing sprints, and tracking progress.



5/5

dbdiagram.io

For designing the database diagram

Frontend Stack



Bootstrap 5 UI

For prebuilt responsive UI components.

5/5

CSS

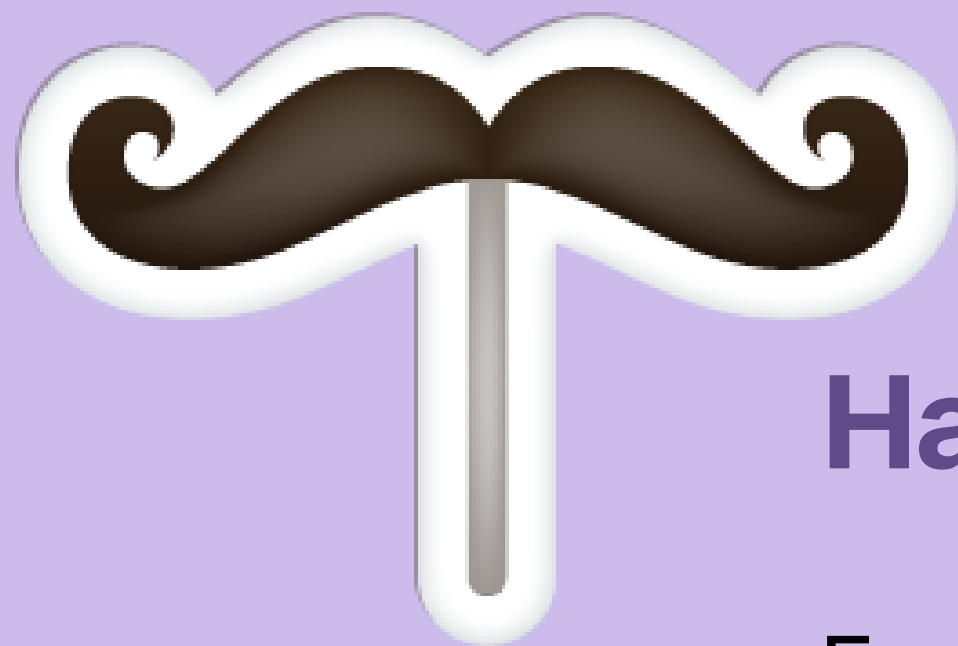


CSS Styling

For custom look-and-feel beyond Bootstrap.

2/5

handlebars



Handlebars UI

For dynamic HTML templating.

4/5

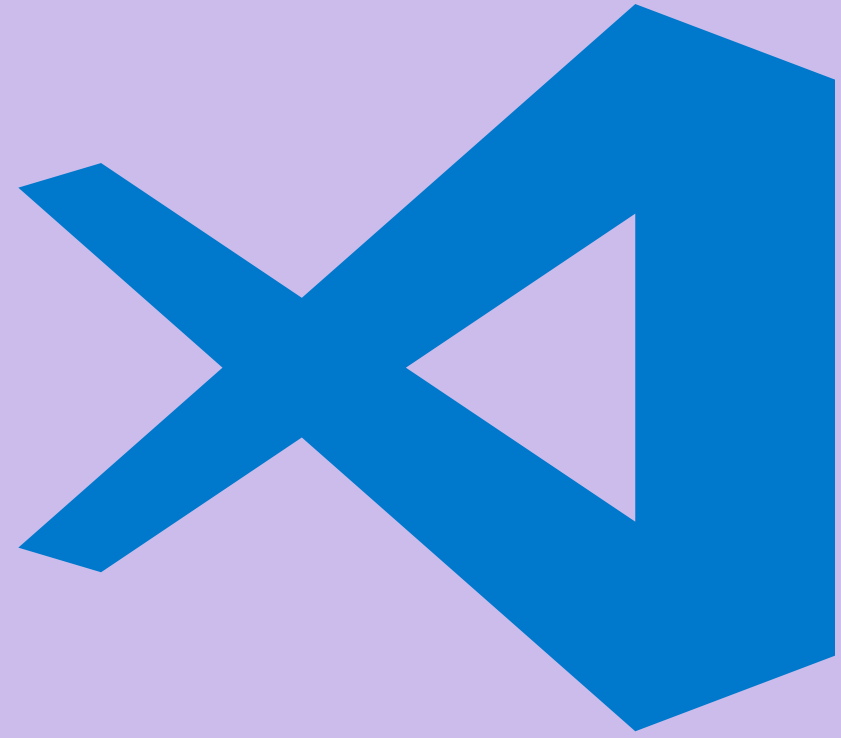


Javascript

For interactivity with our app.

4/5

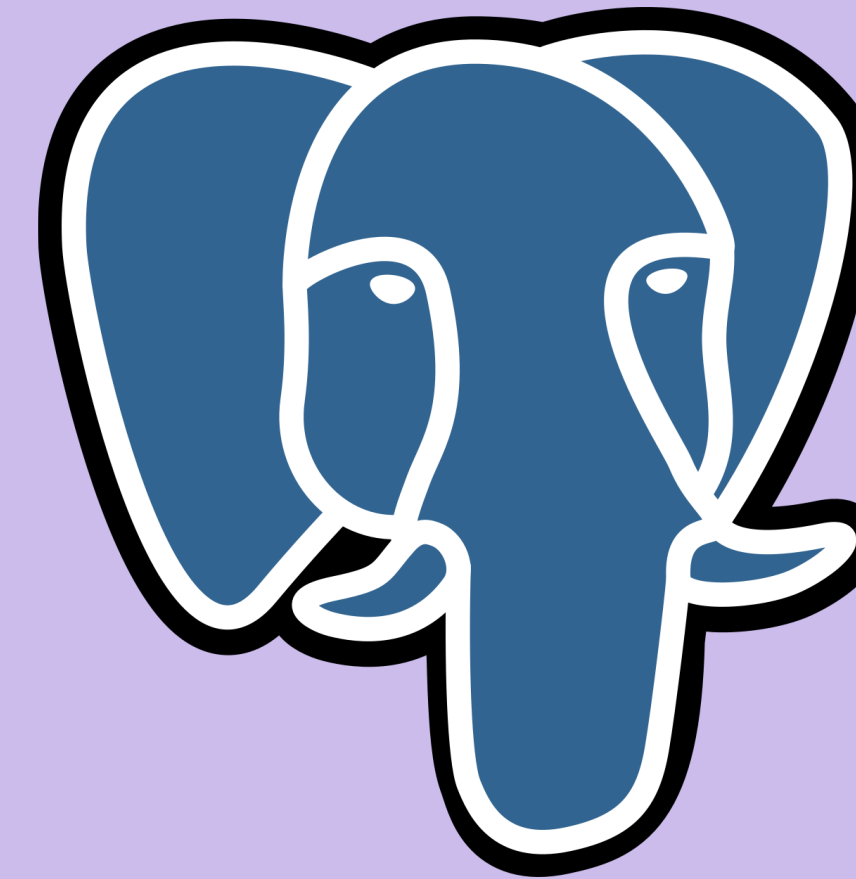
Development Environment



5/5

VSCode IDE

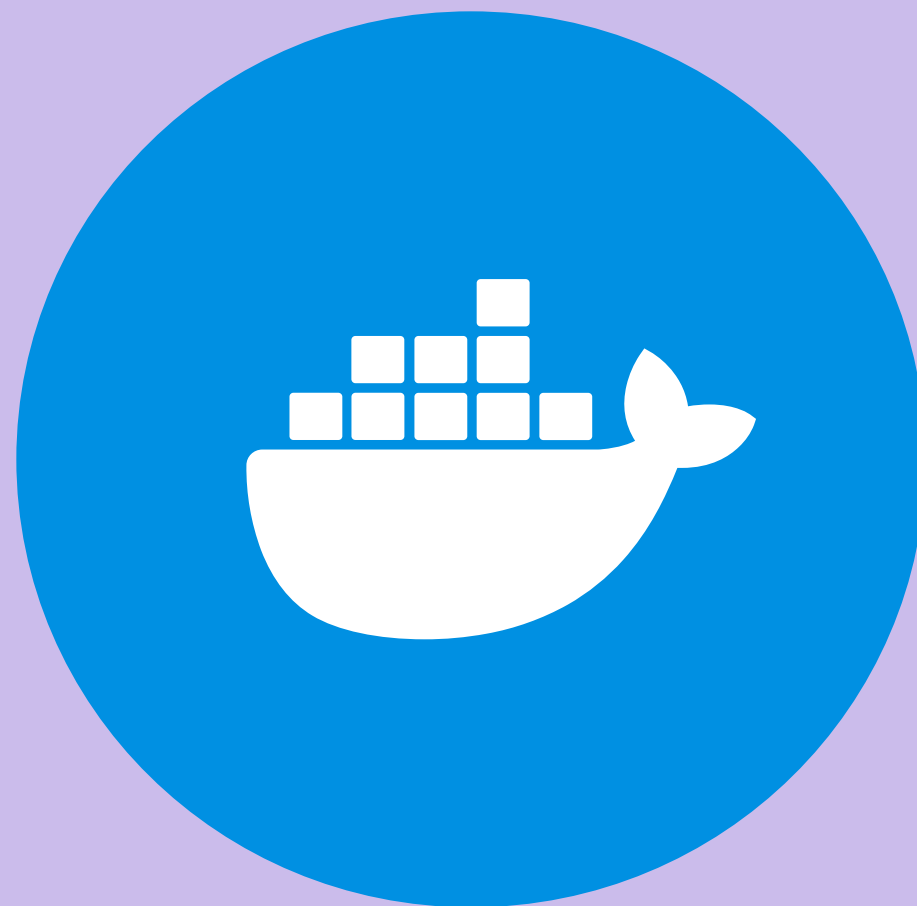
Primary development environment.



5/5

PostgreSQL Database

Backend relational database.



4/5

Docker Containerization

For creating consistent development and deployment environments.

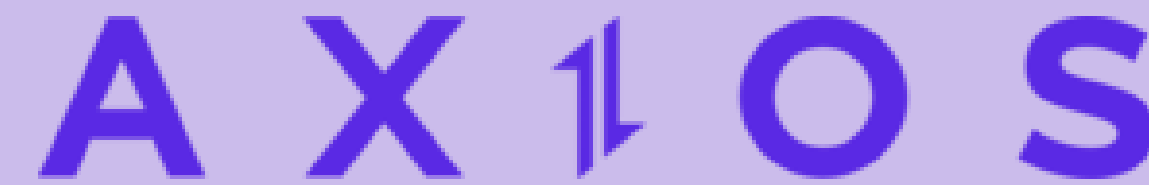
Backend Stack



**NodeJS Application
Server**

4/5

Runtime environment for
executing JavaScript on the
server.



5/5

**Axios HTTP
Client**

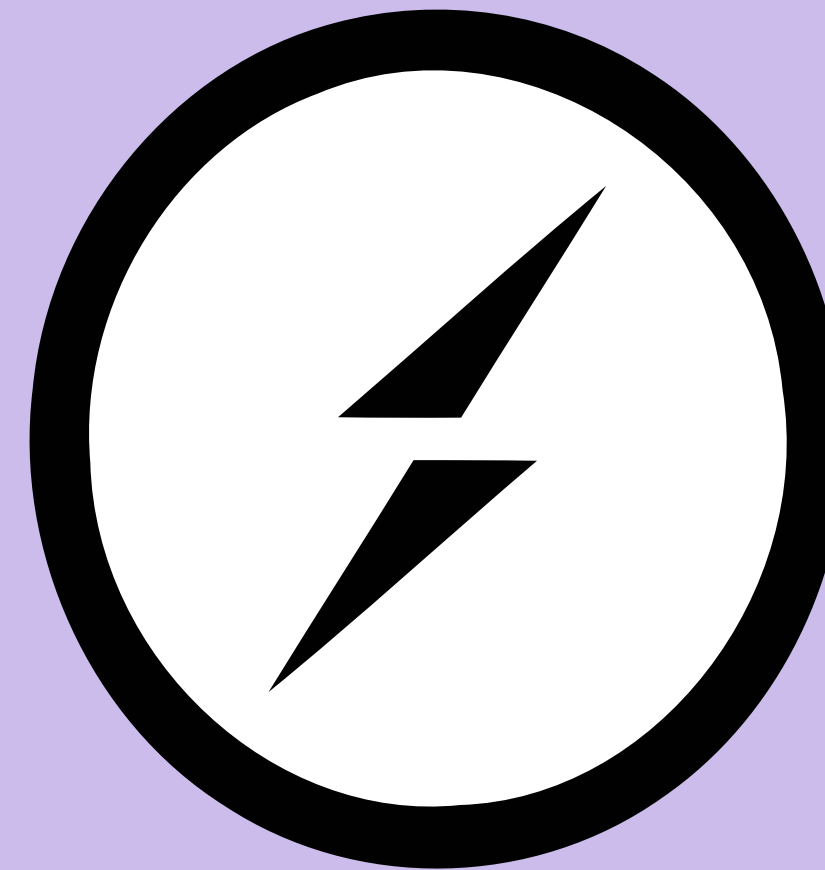
To make HTTP requests from
client or server.



5/5

**ExpressJS
Framework**

Web framework to handle routes,
middleware, etc.



5/5

**Socket.IO Client
Server**

For real-time communication
(e.g. chat, notifications).

APIs

OMDb API

To fetch movie data.



4/5

YouTube API

To fetch video data.

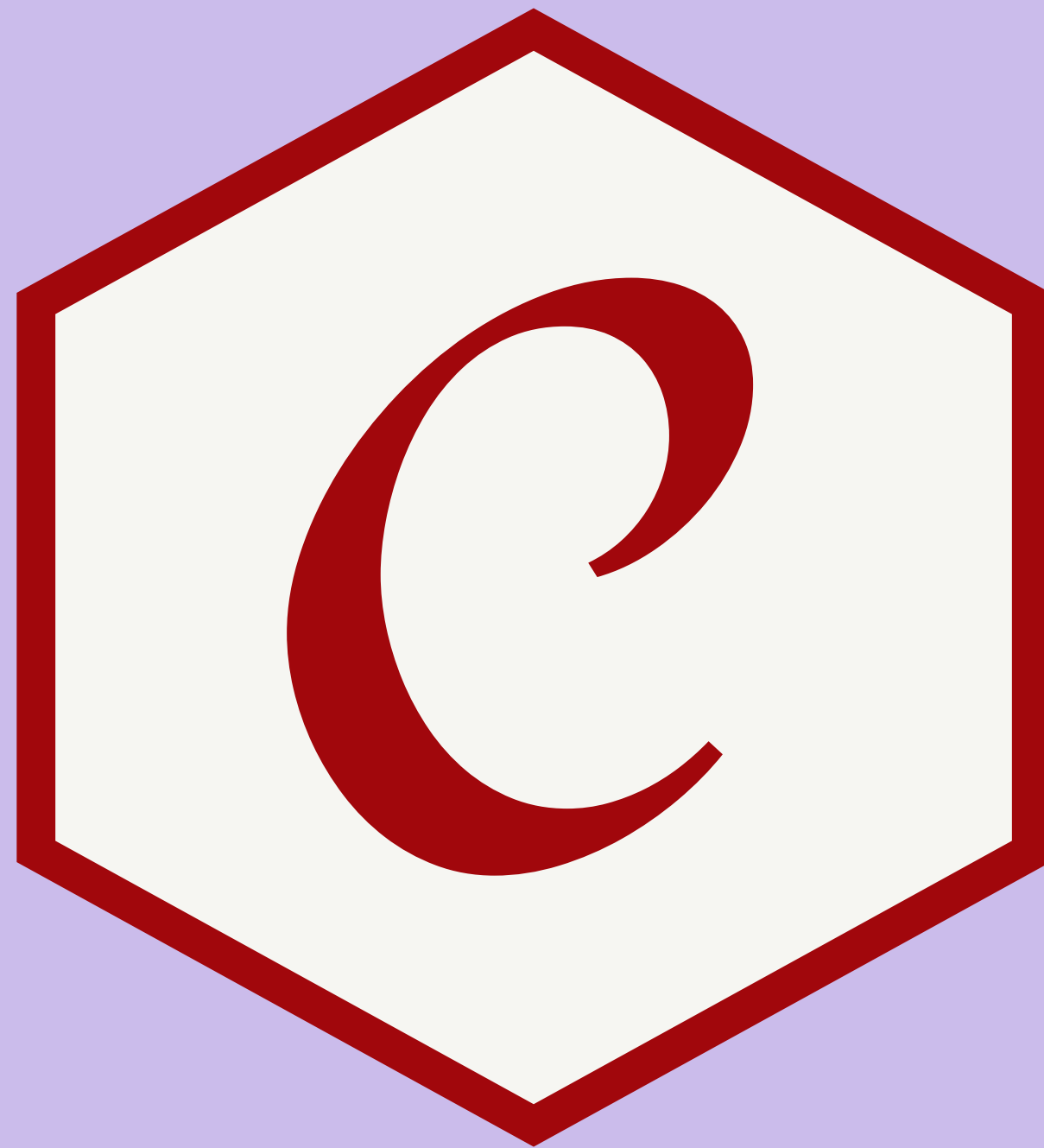


4/5

Testing Tools

Chai Testing

Assertion library for testing with Mocha.



3/5

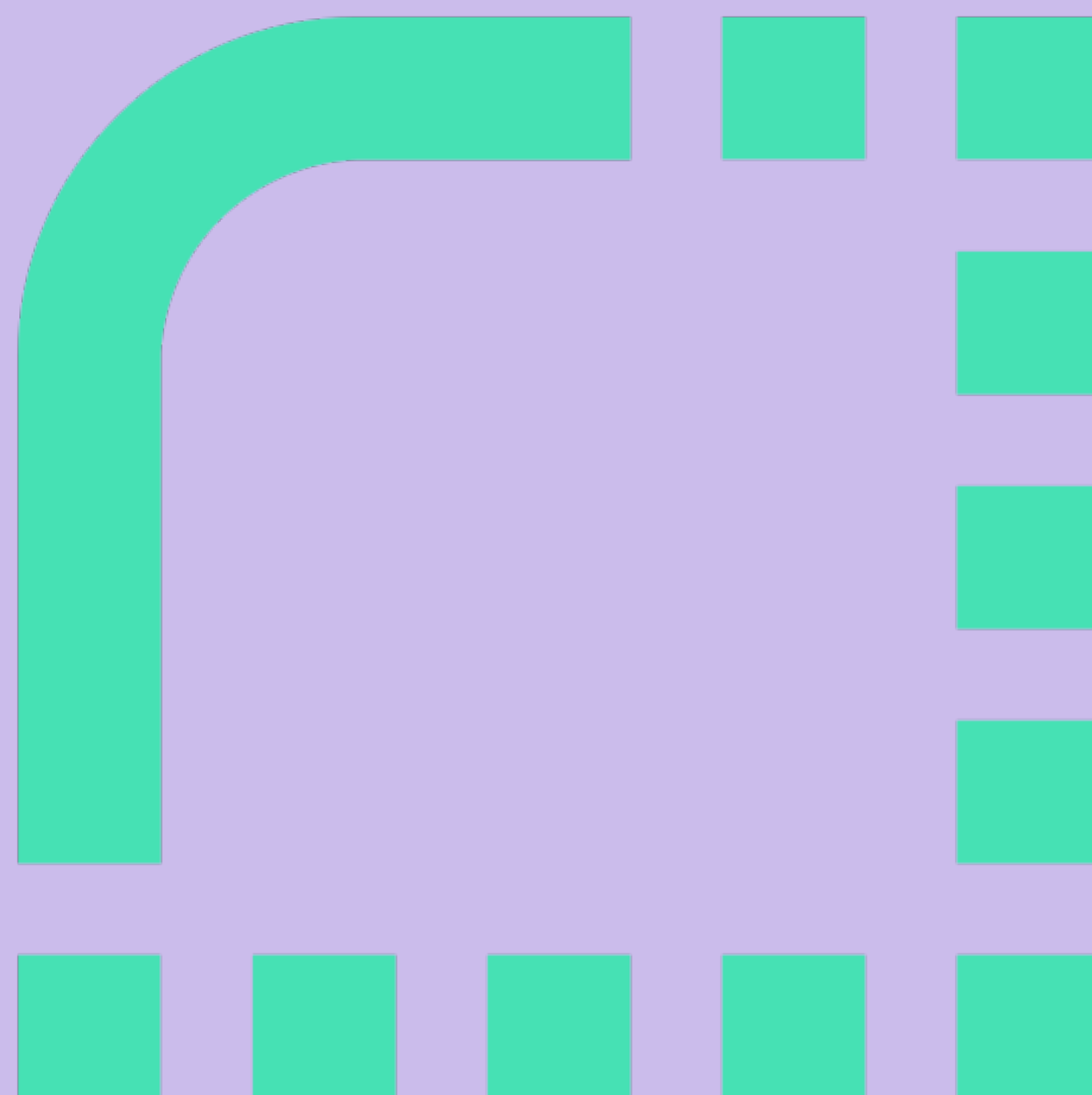
Mocha Testing

Test framework for Node.js.



3/5

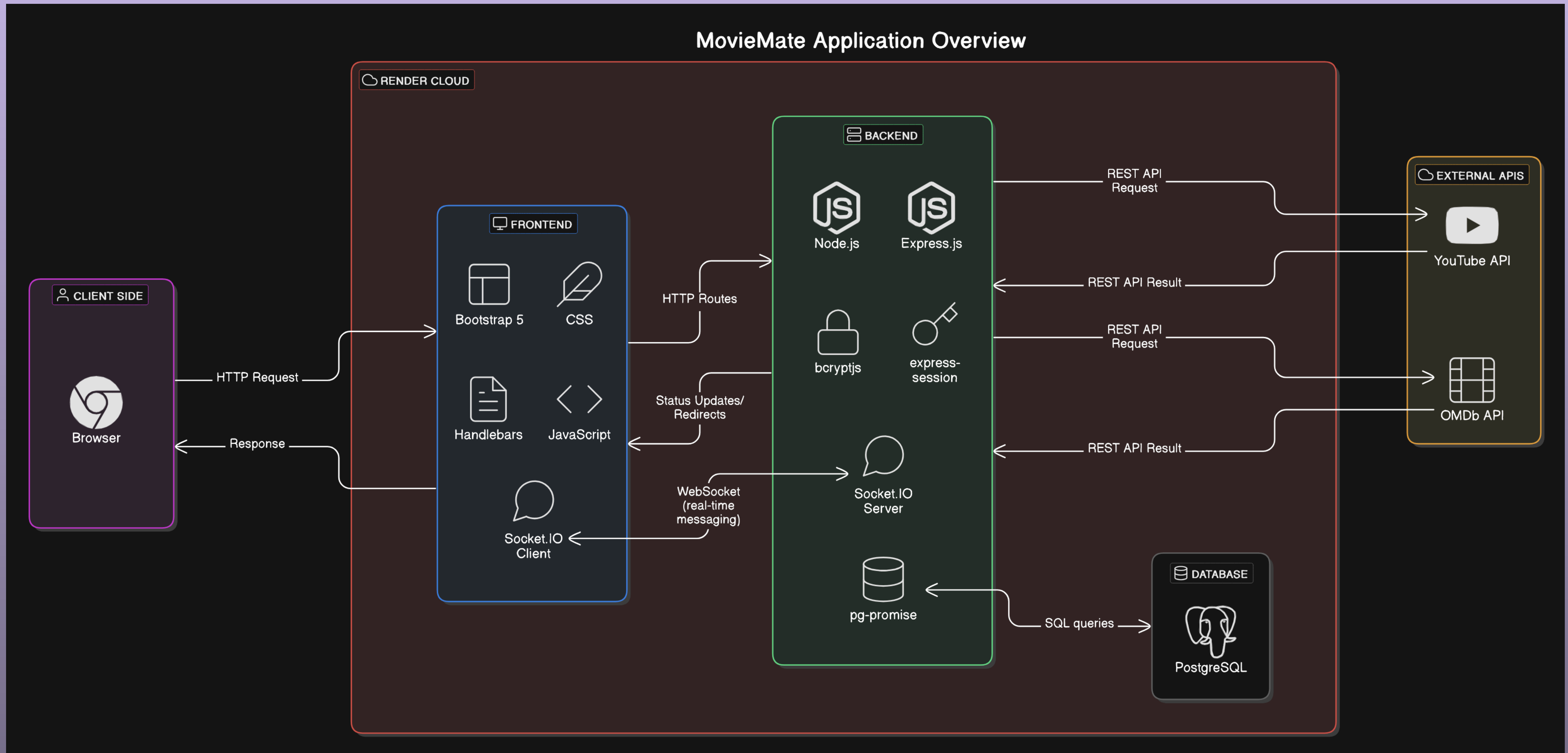
Deployment



Render Deployment Environment

For deploying and hosting the application.

Architecture Diagram





Challenges

Backend

- **API calls to IMDB API**
 - Organizing and displaying the data in a user friendly way
 - Filtering data into database to implement filter feature
- **Messaging system (IO Socket)**
 - Real-time synchronization between users
 - Handling disconnections and message persistence

Frontend

- **Uniform styling across pages without obstructing other features**
 - Responsive design using Bootstrap
- **Device Compatibility**
 - Ensuring website can be viewed on all devices



Future Enhancements

If we were to continue developing MovieMate, there are several exciting features we'd love to explore.

- One idea is a Reels section, where users could create and share short videos about the movies they're currently watching or recommending.
- We'd also consider adding a Watch Party feature that integrates with Zoom, allowing friends to sync up and enjoy movies together in real time, no matter where they are.
- Lastly, we'd love to include a feature that shows whether a movie is playing in a theater nearby, along with a direct link to purchase tickets—making it easier than ever to take your movie night from screen to silver screen.



It's a live, working demo!

(or a video in case it doesn't work)





Questions?