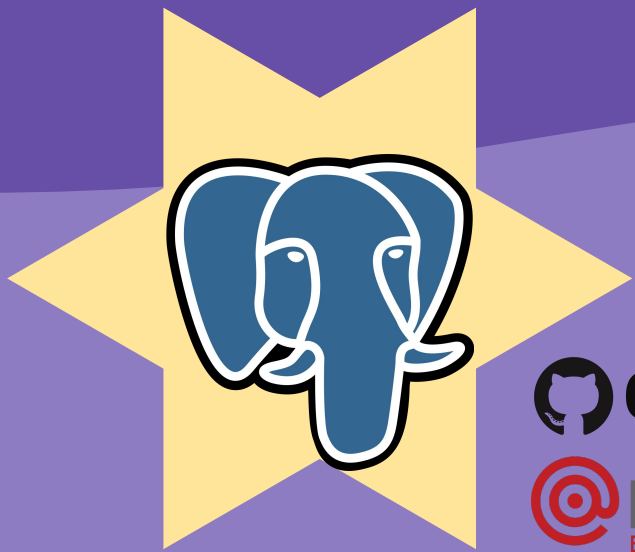# Spell Saver

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About Spell Saver
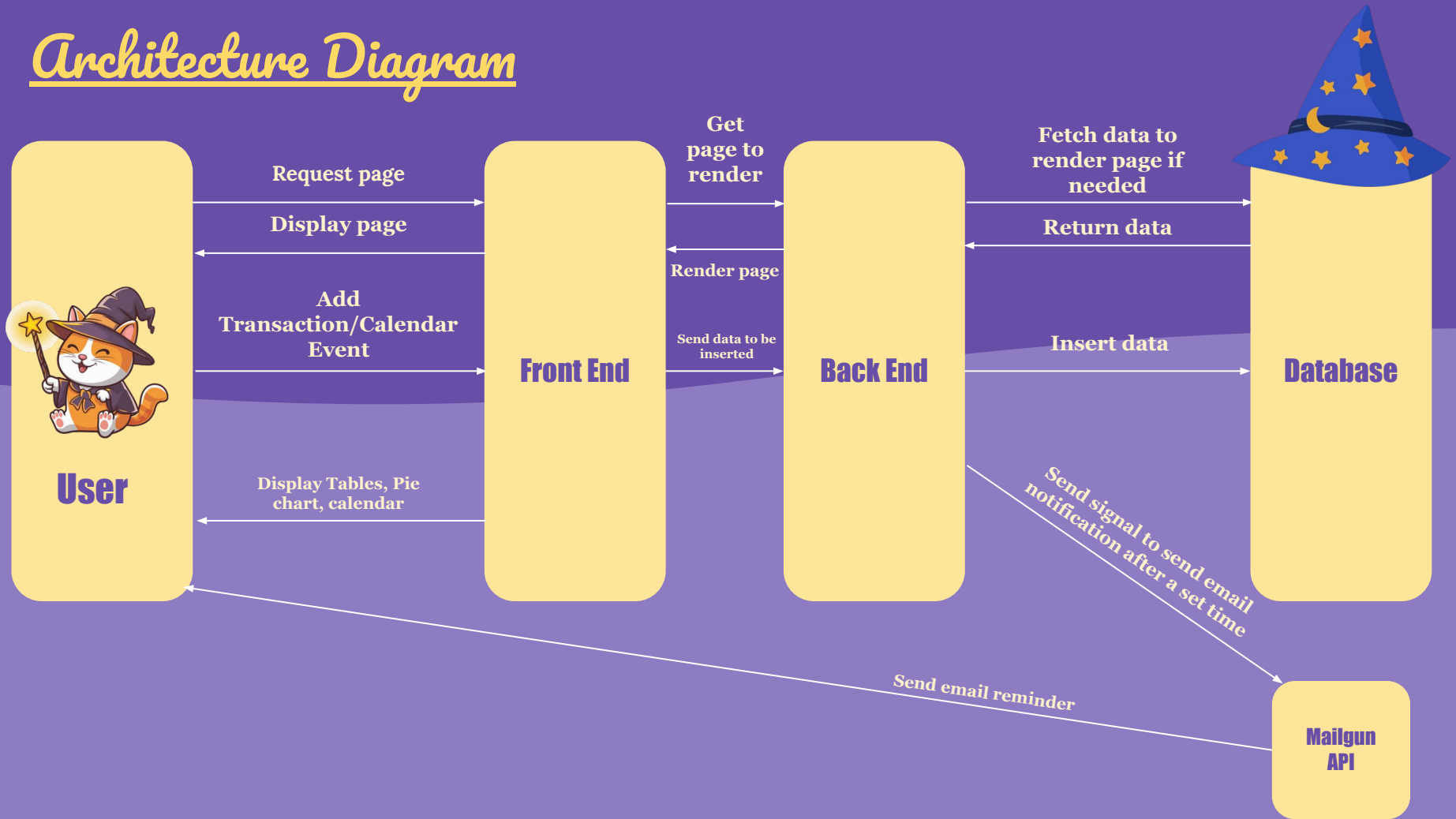
Spell Saver is a banking application that aims to help people be more financially savvy.

a. Allows user to track their spending
b. Sort their spending
c. See when their transactions are due
d. How well they are managing their spending

HTML

node express
handlebars

chai MOCHA

GitHub
@mailgun
Email Automation

Tools

Architecture Diagram

User

Front End

Back End

Database

Mailgun API

Request page

Display page

Add Transaction/Calendar Event

Get page to render

Render page

Send data to be inserted

Fetch data to render page if needed

Return data

Insert data

Display Tables, Pie chart, calendar

Send signal to send email notification after a set time

Send email reminder

Challenges

1. Setting up the server
2. Errors that occurred after merging the code together
3. Github breaking at every turn
4. Javascript doesn't tell you what is wrong with the code

Enhancements

1. Adding a friend transaction system
2. Themes and customized UI
3. Better looking UI
4. Having the calendar automatically show the transactions that have the recurring category

Demonstration

Questions?

Backup Demo

If you signed up for emails

Greetings Leon Steinbach,

Because you have opted into regular updates we have provided you the following summary for this month so far:

Here are all transactions so far this month:
Rent - 4/1/2025 - $1090.00
Spotify - 4/17/2025 - $6.00

Here are all upcoming transactions this month:
Dinner - 4/24/2025 - $21.00
Supper Ingredients - 4/27/2025 - $200.00

Thank you for using SpellSaver!

Congratulations Leon Steinbach,

You have succesfully opted into regular updates about your budget with SpellSaver.
We will be sending you regular updates about your budget.

Thank you for using SpellSaver!