iPoem

React App - Frontend

Routes

- / - homepage, short presentation

- /generate - generate poem based on your theme and keywords or with a custom prompt

Deploy

Hosterion

ipoem-nrg.lenau.ro

API - Node.js Backend

Deploy

Heroku

api-poem-nrg.herokuapp.com

Routes

/ok

Test Route - if the api is online

/poem/custom

- Receives a prompt
- Asks ChatGPT
- Splits every verse in an array item.
- detects language of the response
- Finds the first noun in the prompt except for "poem"
- Searches an image using the noun
- Returns verses + Split verses + Image src & text

/poem

- Forms a prompt using based on theme, keywords, language
- Asks ChatGPT
- Splits every verse in an array item.
- Returns ChatGPT response + array + language

/image

- Recives a keyword - the theme - and returns image as url and alt text for the image

Components - Generate

Theme-Form → showLoader → generateWithParams → poem

generateWithParams → getImg

poem → Poem

img → Poem

getImg → img

getImg → scrollToPoem

Custom - Form → showLoader → generateWithPrompt → poem / img / scrollToPoem → Poem