

CariHati

Seek, Match, and Love



DESCRIPTION

Cari Hati dating app connects individuals, allowing users to interact through matching, chatting, and sending gifts, fostering meaningful connections and engagement.

TECH STACK

Frameworks

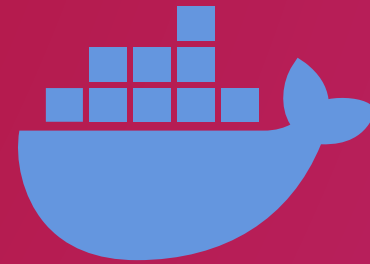


Nest JS
(Back End)



Next JS
(Front End)

Containerization



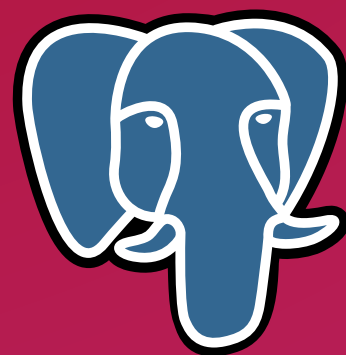
Docker

Cloud Messaging



Firebase

Databases



PostgreSQL
(Relational)



Mongo
(Document)



Redis
(Memory)

Payment Gateway



xendit

ROLE



User

The application centers on user engagement, facilitating meaningful interactions between individuals within its platform, emphasizing user-centric design and experience.

FEATURES

Matching

Users have the ability to send and accept match requests to establish connections.

Send Gift

Users can send gifts to other users directly within the chat feature.

Chating

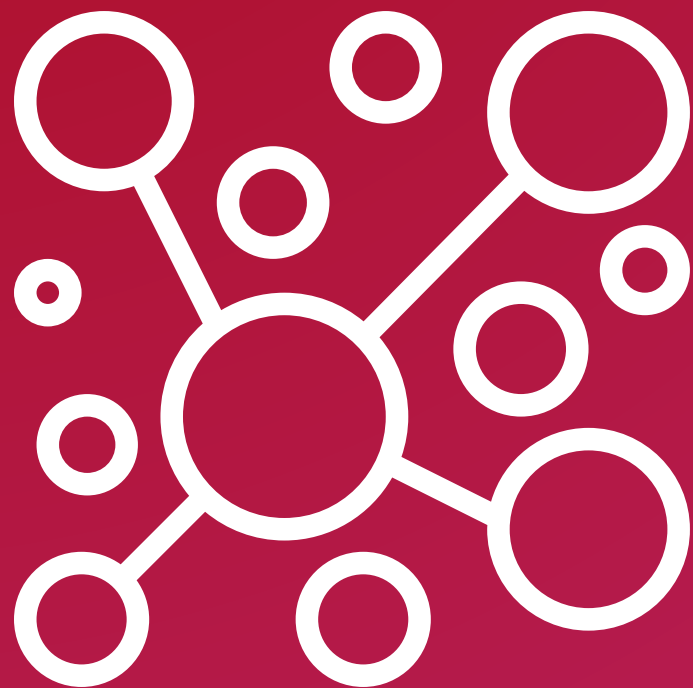
Users can chat with other users who are in their matched list.

Top-up & Withdraw Coin

Coins are used to purchase gifts, which the recipient will then receive the coins.

MATCHING MACHINE

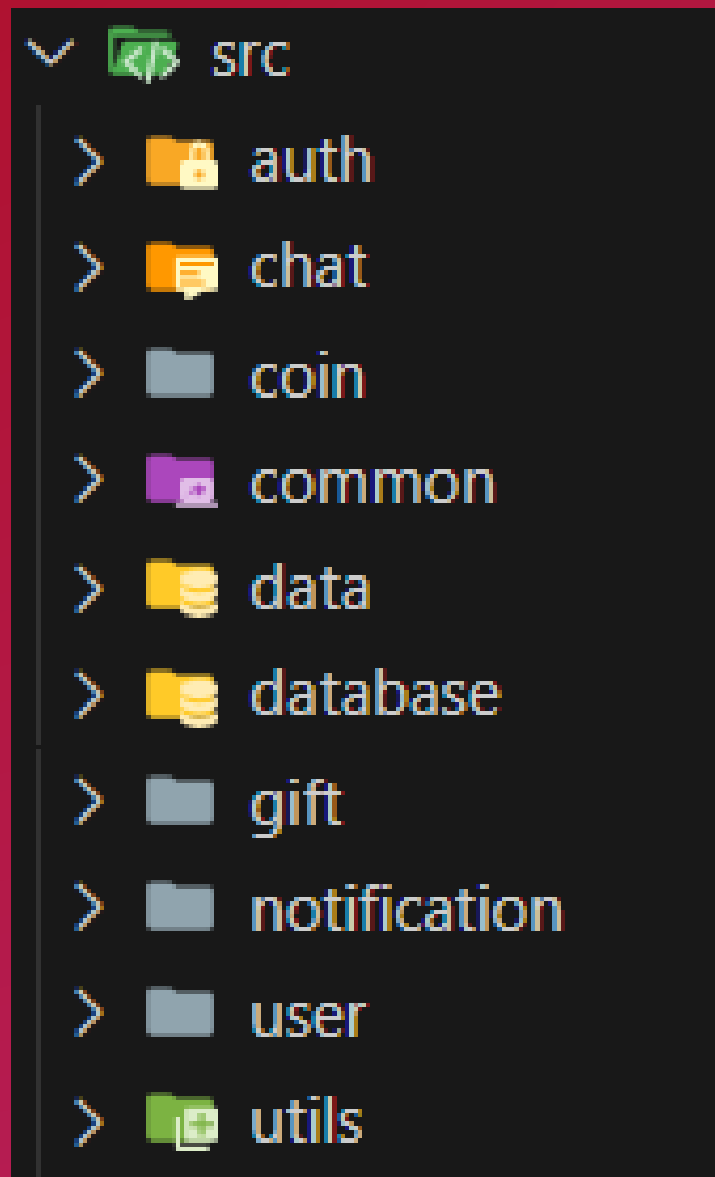
K-Means Clustering



To enhance match recommendations, this app employs K-Means Clustering based on user's passions. It creates clusters, enabling recommendations for users within the same cluster. It run in python Flask.

CLEAN CODE

Domain Driven Architecture



- Modeling the core domain of a problem space
- Modular and Decoupled

SECURITY

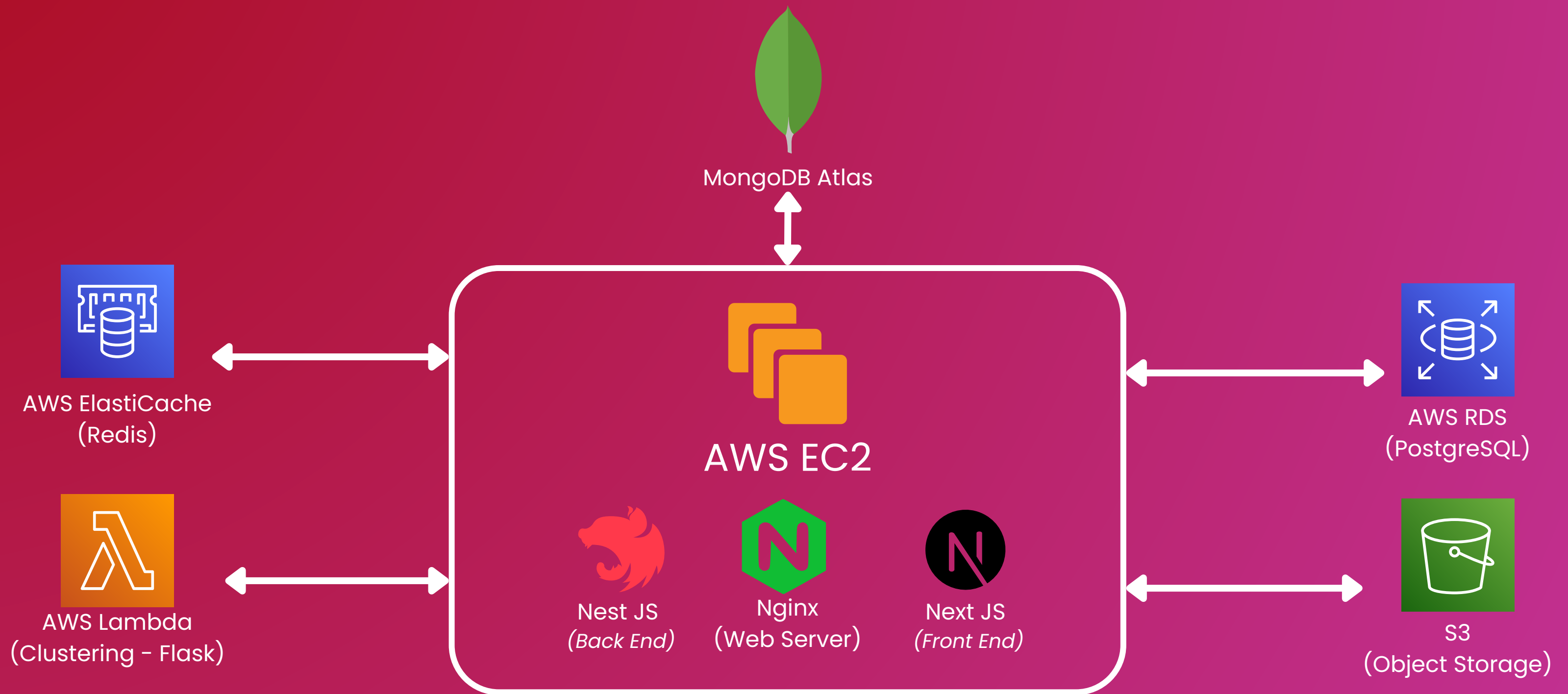
JWT TOKEN



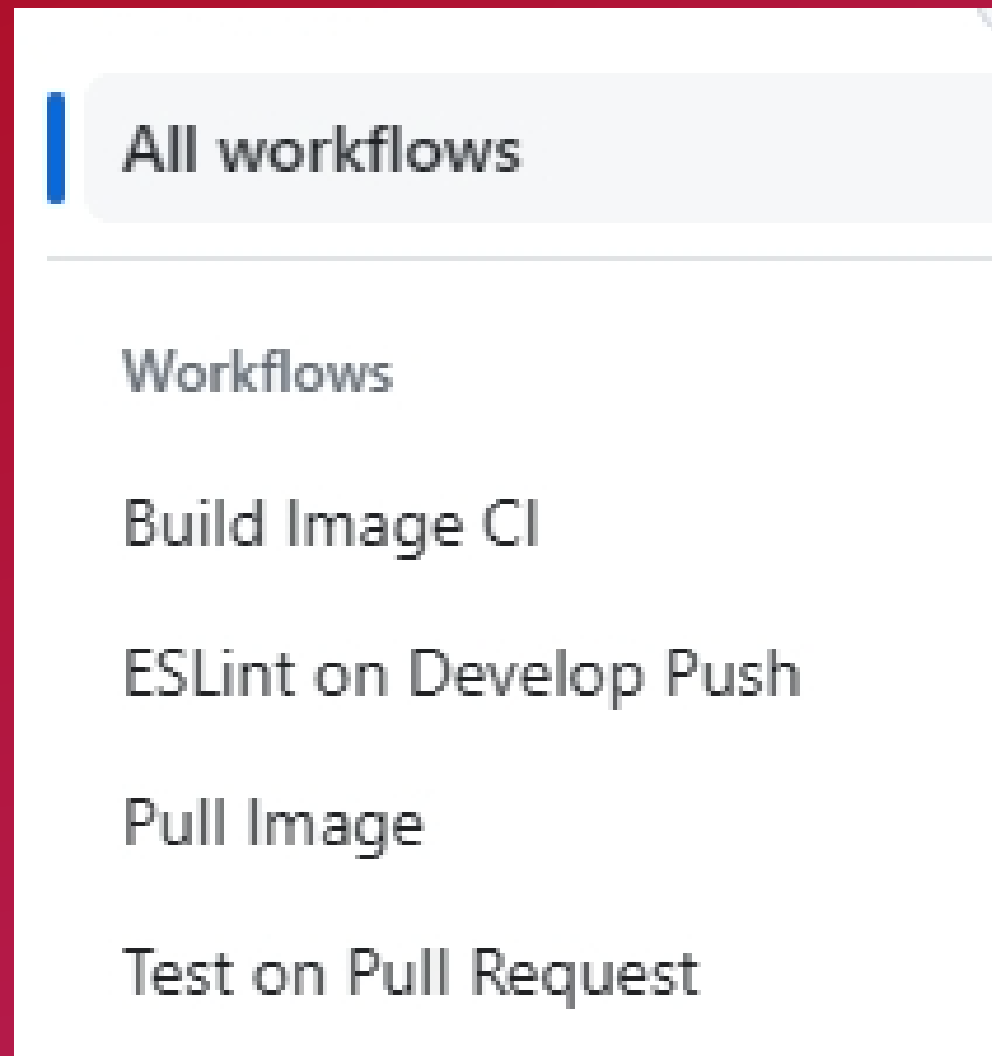
There are two tokens, *refresh token* and *access token*

- *Refresh token*: A token with an extended expiration period specifically designed for the renewal of Access Tokens.
- *Access token*: A token with a limited lifespan intended for authorization purposes.

CLOUD ARCHITECTURE



CONTINUOUS INTEGRATION & CONTINUOUS DEPLOYMENT (CI/CD)



CI/CD pipeline appears to be set up to automate some of the software development lifecycle, including building, testing, and deploying code.

SOURCE CODE



Backend

<https://github.com/glennprays/cari-hati-server>

Frontend

<https://github.com/glennprays/cari-hati-ui>

Matching Machine

<https://github.com/glennprays/cari-hati-match-engine>