

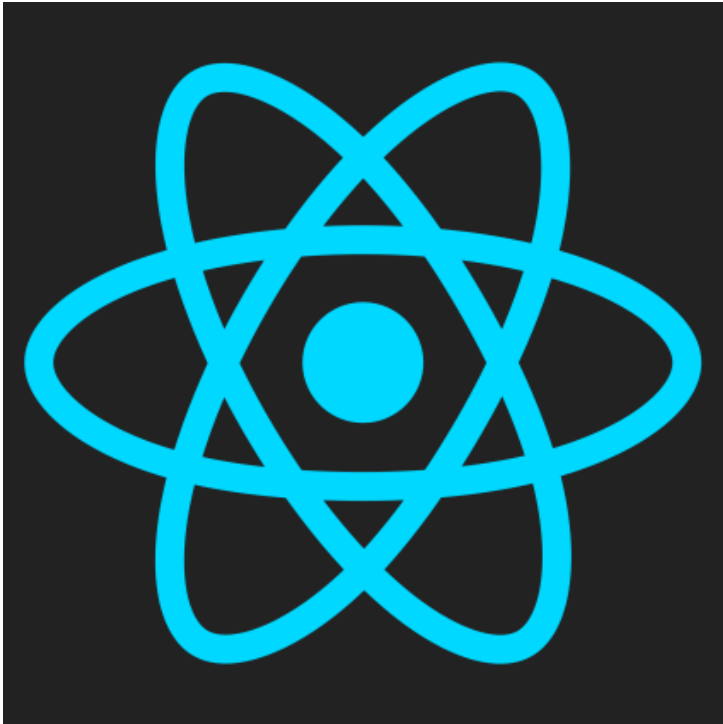
# Vibrations

David Clark, Sophia Rubsamen, Harditya Sarvaiya, Atharva Sardar, and  
Lokesh Satpute

# Vibrations Mission Statement

- Problem: Many Social media platforms that are designed for meeting prioritize physical attractiveness over actual interactions
- We find that a significant number of matches on dating platforms result in no interaction, despite the fact that people go onto those applications looking for a connection
- While Vibrations focuses on platonic relationships, it serves to connect people using music as the ice-breaker.

# Technology Stack

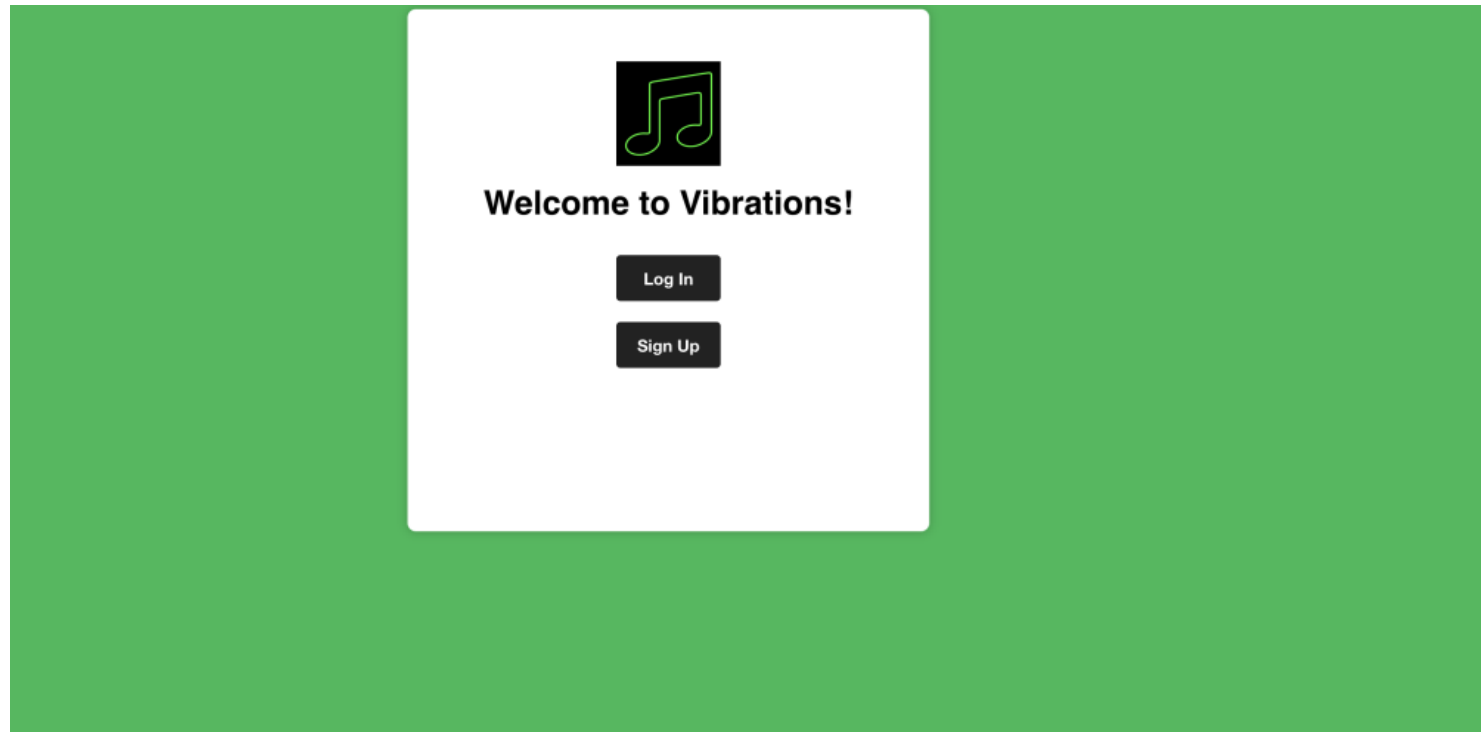


# Amazon AWS

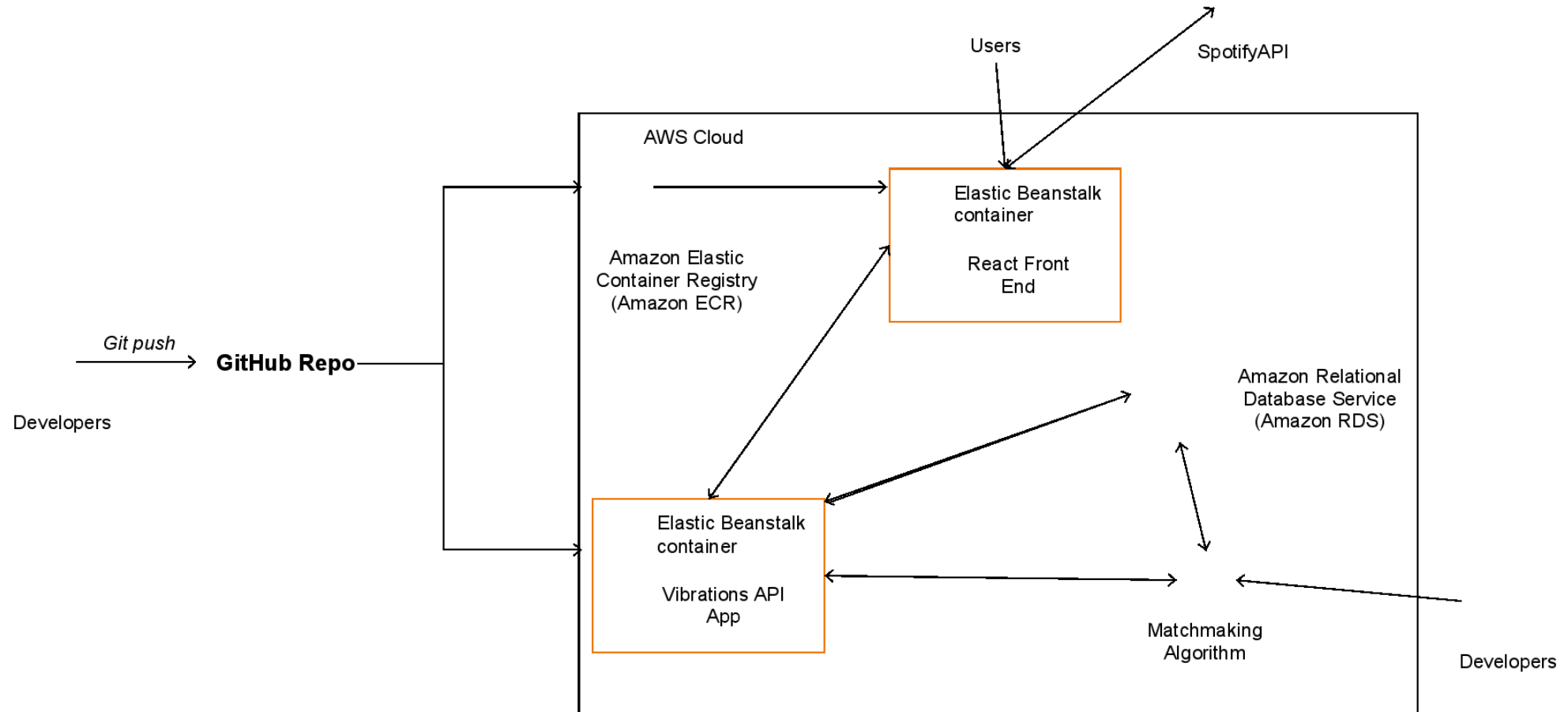
- SAAS – Software As A Service
  - S3 – Used for File hosting (profile pictures)
  - Lambda – Used for matchmaking algorithm (Python3)
  - Cognito – User pools and Authentication
  - Elastic Beanstalk – Web hosting
  - Elastic Code Repository – Image hosting

# DEMO

- <http://dev-vib-ui-final-eb-env.eba-xvyd3ppt.us-east-2.elasticbeanstalk.com/>



# Software Architecture



# Limitations/Challenge

- Budget
  - AWS Free Tier
- Time
  - Extended Quota Mode



# What I learned in Software Engineering

- Team Management
- Front/Backend connectivity (CORS integration)
- Amazon AWS Hosting
- PostgreSQL management



# Future Work

- UI Overhaul
- General Code Refinements
- Messaging Feature
- Proper Internet Security and Hosting
- More robust server configurations
- Ability to choose between dating and platonic relationships