Ensemble
Developer Code Sample Submission

We believe one of the best ways to assess a developer's ability and skillset is to center it around a code sample. The code sample can either be a prior personal side project or implementation of **one** of the two projects below.

Personal Side Project
- Must include usage of one of the following tech stacks
  - React
  - NextJS
  - Angular
  - Vue
  - Native Android (Kotlin or Java)
  - Native Android TV / Fire TV (Kotlin or Java)
  - Native iOS (Swift)
  - Native tvOS (Swift)
  - React Native
  - Roku
  - Any programming language, framework and database is allowed for backend
- Code must either be owned by you or open source
- If other contributors to the project, outline what you were responsible for. You must be the primary contributor to the project

Project - App

Implement an app that can search OMDB for movies. The app can be implemented in any of the following tech stacks
- React
- NextJS
- Vue
- Native Android (Kotlin or Java)
- Native Android TV / Fire TV (Kotlin or Java)
- Native iOS (Swift)
- Native tvOS (Swift)
- React Native
- Roku

Technical Requirements
- Search results must come from OMDB API
  - Documentation: http://www.omdbapi.com/
  - Free API key: http://www.omdbapi.com/apikey.aspx
- Each search result should display poster, title, year of release and a button. Clicking the button should do nothing
- Updates to the search term should update the result list

Project - Backend

Implement an API to manage, search and like/dislike movies. The backend can be implemented in any programming language and use any frameworks.

Technical Requirements
- REST or GraphQL
- Support to create, read, update, and delete movies
- Support to search movies by title
- Support to anonymously like/dislike a movie

- Each movie supports title, description, release year, duration, rating
- Integration with SQL based database

Timeline
- Four days to submit

Submission
- Either one of
  - Link to repo on GitHub, BitBucket or Gitlab. If you want to keep the repo private, then ask for the account name that should be added for access
  - Link to zip package on Google Drive, Sharepoint, Dropbox or other cloud file sharing service