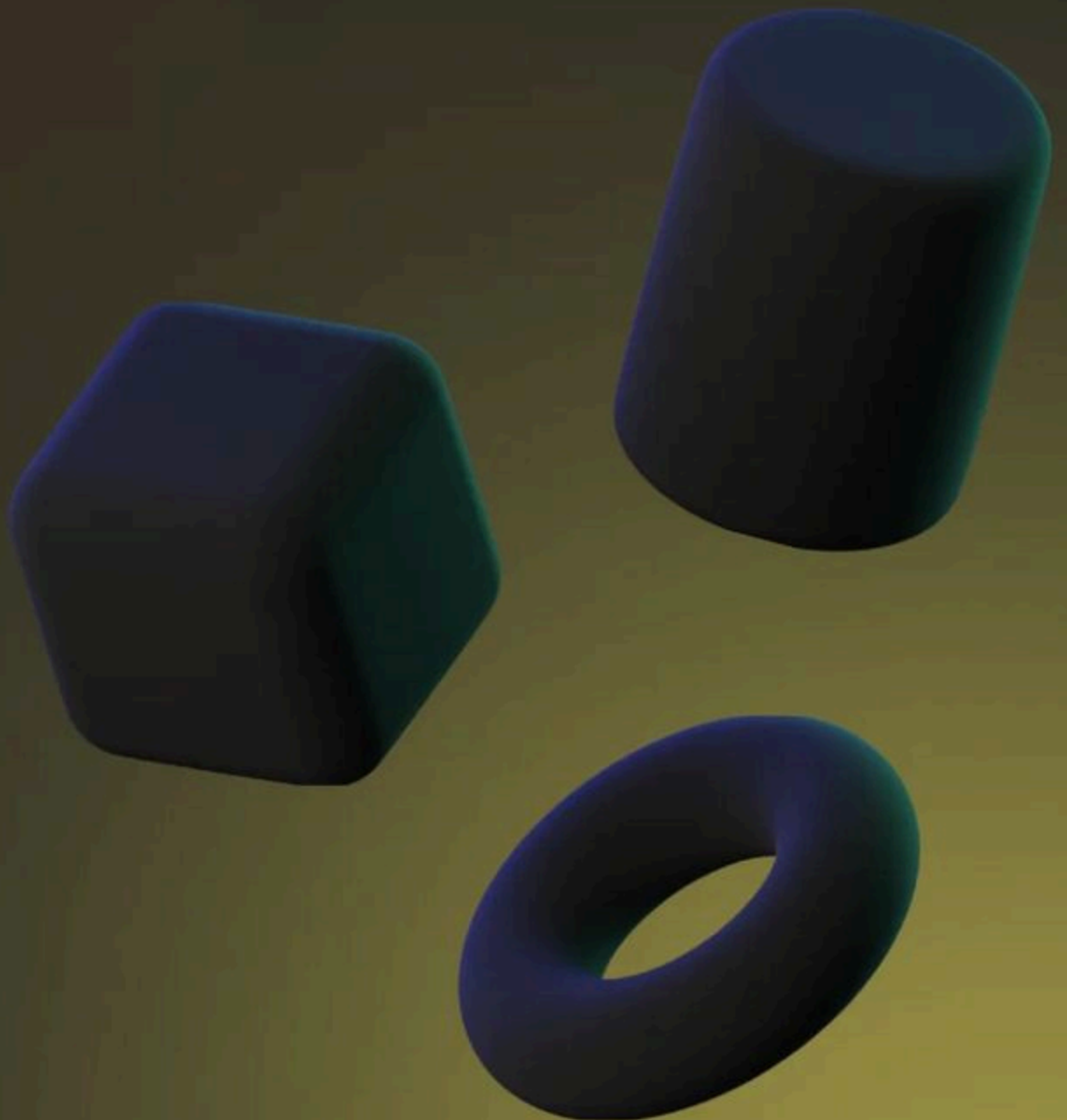


FLUTTER FRONTEND

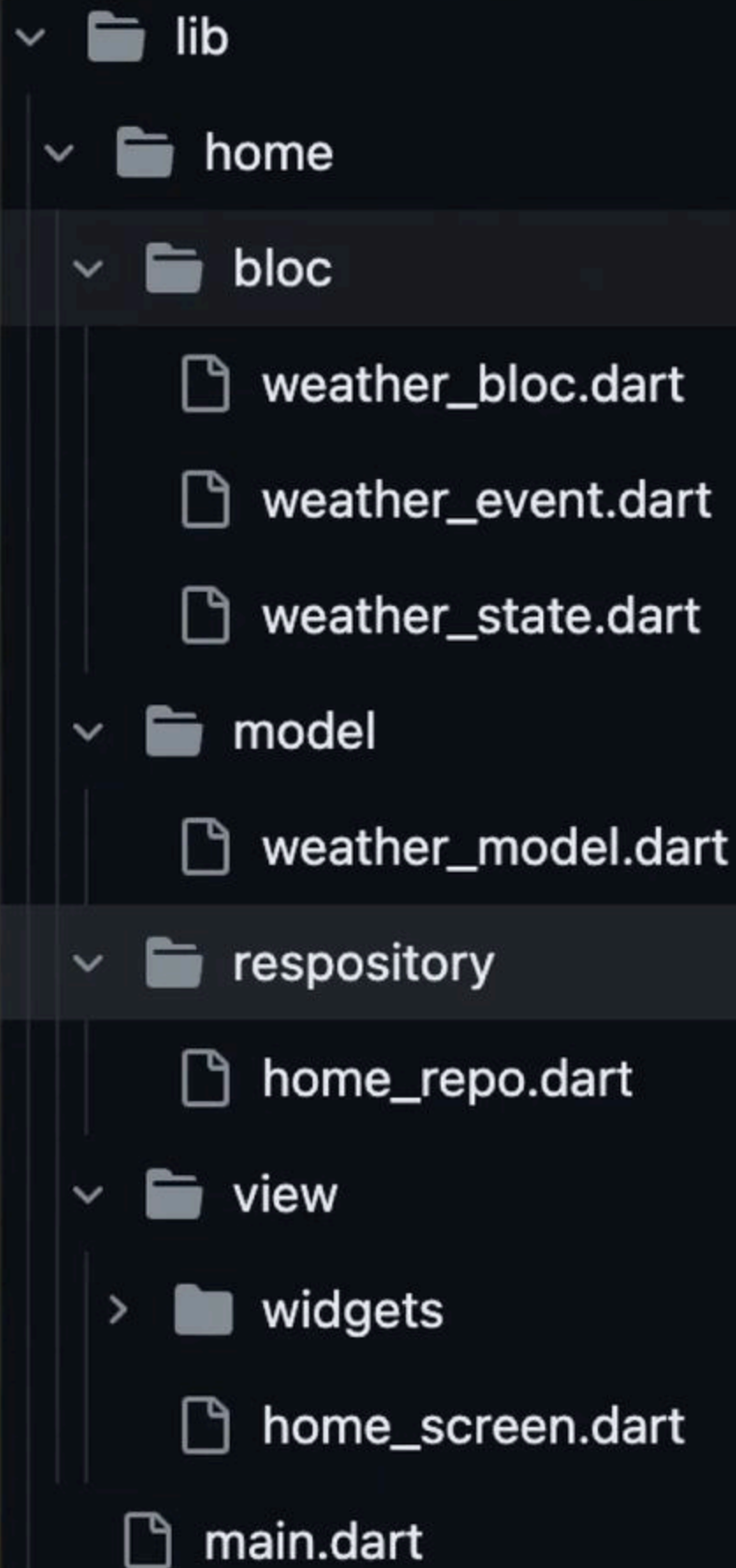
# Architectures in Flutter

Save The Post!



FLUTTER FRONTEND

# Bloc Architecture



```
lib
├── home
│   └── bloc
│       ├── weather_bloc.dart
│       ├── weather_event.dart
│       └── weather_state.dart
│   └── model
│       └── weather_model.dart
│   └── repository
│       └── home_repo.dart
│   └── view
│       ├── widgets
│       └── home_screen.dart
└── main.dart
```

The image displays a file explorer window with a dark theme, showing the directory structure of a Flutter application. The root directory is 'lib', which contains several subdirectories and files. The 'home' directory is expanded, showing 'bloc', 'model', 'repository', and 'view'. The 'bloc' directory contains 'weather\_bloc.dart', 'weather\_event.dart', and 'weather\_state.dart'. The 'model' directory contains 'weather\_model.dart'. The 'repository' directory contains 'home\_repo.dart'. The 'view' directory contains 'widgets' and 'home\_screen.dart'. The 'main.dart' file is located at the root of the 'lib' directory.

FLUTTER FRONTEND

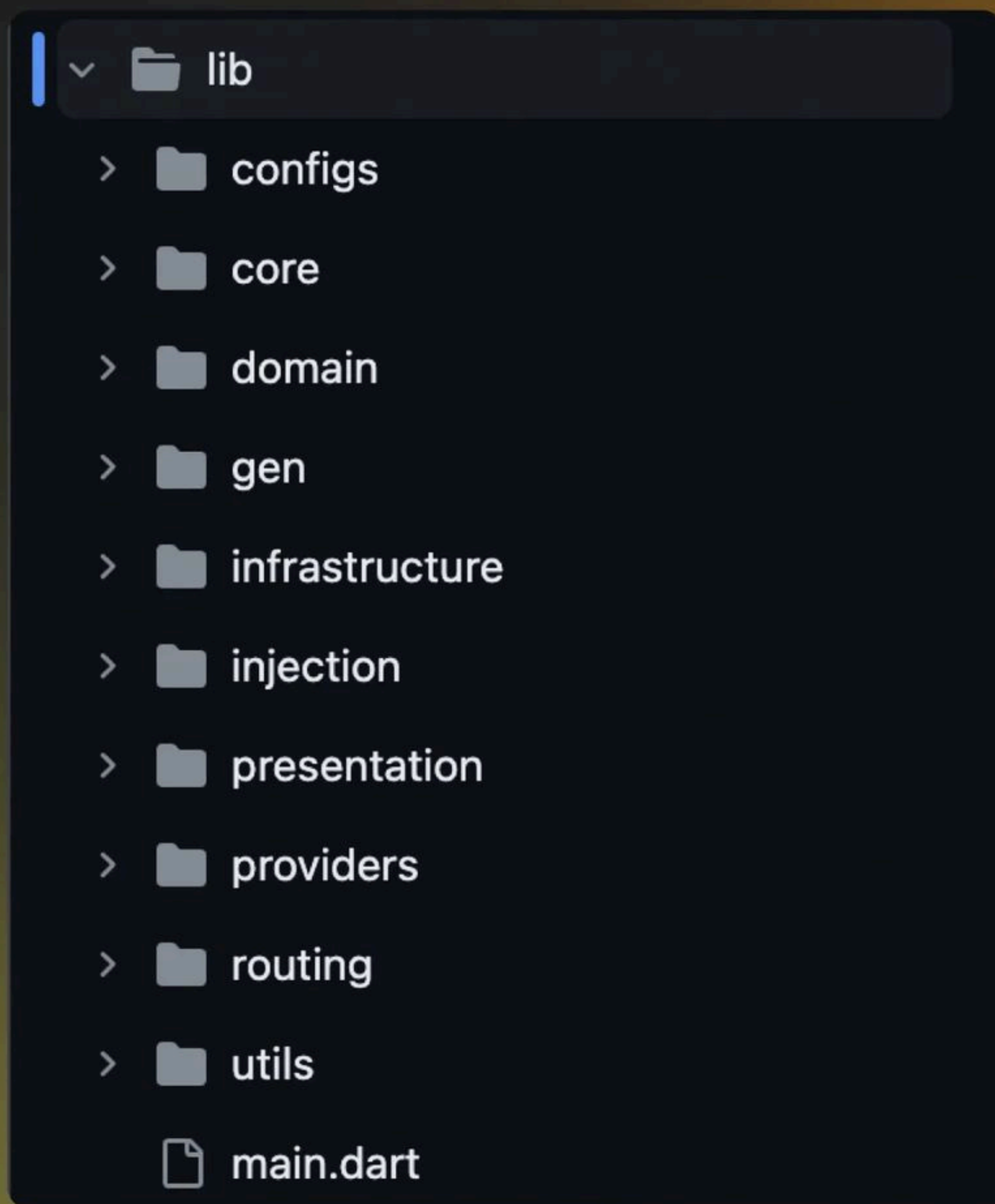
# GetX

```

✓  📁 lib
    ✓  📁 app
        >  📁 common
        >  📁 data
    ✓  📁 modules
        >  📁 appbase
        >  📁 home
        >  📁 more
    ✓  📁 routes
        📄 app_pages.dart
        📄 app_routes.dart
    📄 main.dart
```

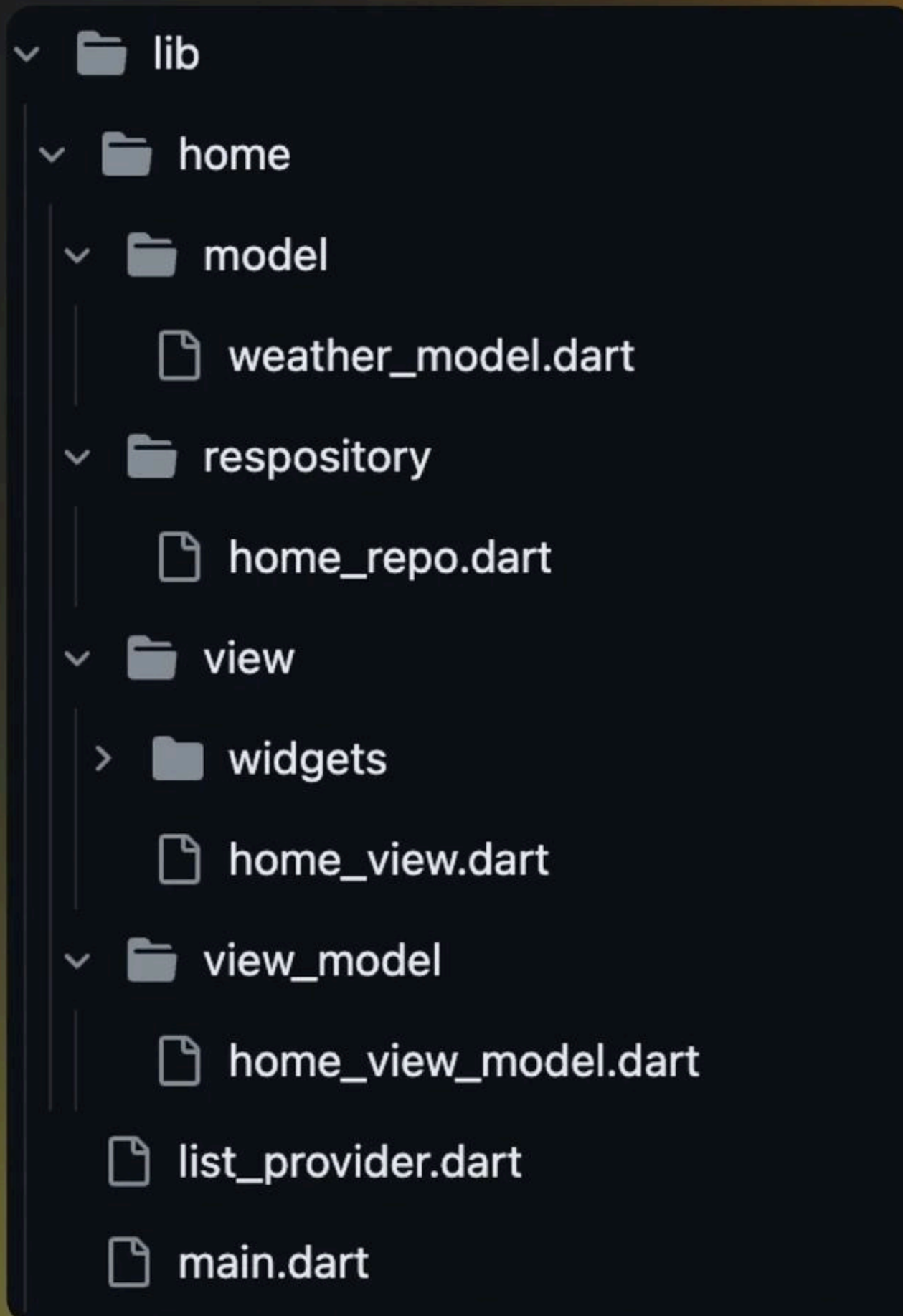
## FLUTTER FRONTEND

# DDD



## FLUTTER FRONTEND

# MVVM





## FLUTTER FRONTEND

# MVP

```

✓  📁 lib
    ✓  📁 home
        ✓  📁 model
            📄 weather_model.dart
        ✓  📁 presenters
            📄 home_presenter.dart
            📄 home_state_functions.dart
        ✓  📁 repository
            📄 home_repo.dart
        ✓  📁 view
            >  📁 widgets
                📄 home_view.dart
            📄 main.dart
```

## FLUTTER FRONTEND

# MVC

```

lib
├── home
│   ├── controller
│   │   └── home_controller.dart
│   ├── model
│   │   └── weather_model.dart
│   ├── repository
│   │   └── home_repo.dart
│   ├── view
│   │   ├── widgets
│   │   └── home_view.dart
│   └── main.dart
```



# ZAFAR IQBAL

Software Engineer