



# Estácio

## **Missão Prática | Nível 2 | Mundo 4**

**RPG0024 - Posso criar um App de outra forma**

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Curso: Desenvolvimento Full Stack.

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## Objetivos da prática:

- \* Instalar e configurar o Flutter SDK e o ambiente de desenvolvimento integrado (IDE) de acordo com as melhores práticas;

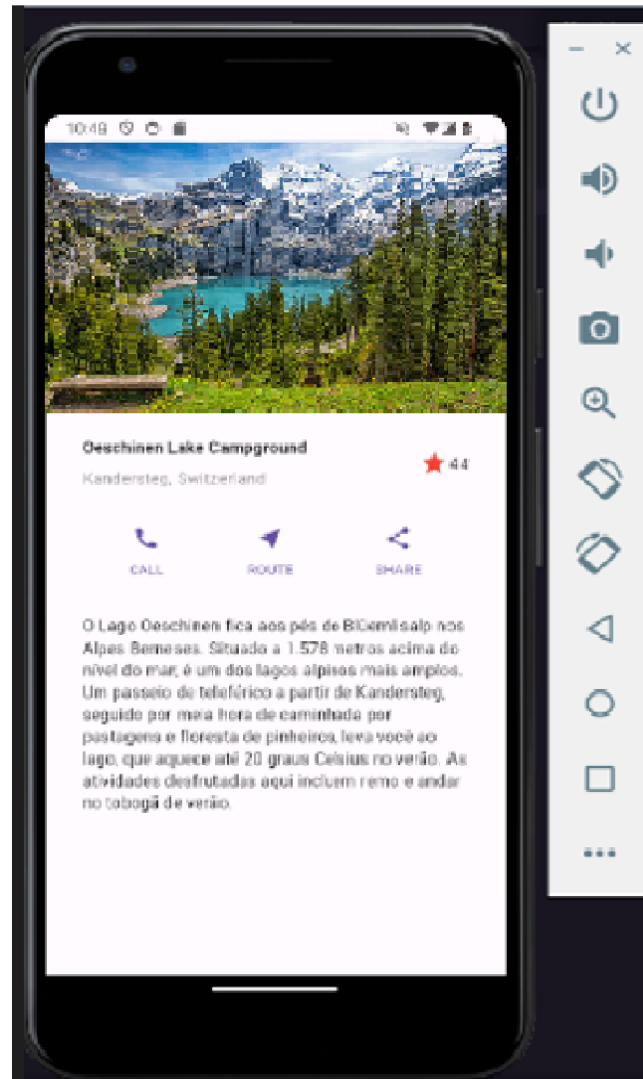
- \* Empregar Widgets fundamentais, como MaterialApp, Scaffold, AppBar, Text e RaisedButton;

- \* Aplicar diferentes Widgets para criar uma interface visual atraente e funcional;

- \* Aplicar o widget ListView para exibir e gerenciar listas de dados;

- \* Criar e implementar funcionalidades personalizadas para um Widget específico.

## CÓDIGOS:



```
main.dart 9+, U X
app > src > main.dart > main
23 class HomePage extends StatelessWidget {
24
25
26   @override
27   Widget build(BuildContext context) {
28     Color color = Theme.of(context).primaryColor;
29
30     return Scaffold(
31       appBar: AppBar(
32         title: const Text('Explore o mundo.'),
33       ),
34       body: ListView(
35         children: [
36           Image.asset('images/top.jpg',
37             width: MediaQuery.of(context).size.width,
38             height: 240,
39             fit: BoxFit.cover,
40           ),
41           const TitleSection(),
42           ButtonSection(color: color),
43           const TextSection(),
44         ],
45       ),
46     );
47   }
48 }
```

main.dart 9+, U X

app > src > main.dart > HomePage > build

```
50 class TitleSection extends StatelessWidget {
51   const TitleSection({Key? key}) : super(key: key);
52
53   @override
54   Widget build(BuildContext context) {
55     return Container(
56       padding: const EdgeInsets.all(32),
57       child: Row(
58         children: [
59           Expanded(
60             child: Column(
61               crossAxisAlignment: CrossAxisAlignment.start,
62               children: const [
63                 Text(
64                   'Dolomitas, Itália',
65                   style: TextStyle(
66                     color: Colors.grey,
67                   ),
68                 ),
69               ],
70             ),
71           const Icon(
72             Icons.star,
73             color: Colors.yellow,
74           ),
75         ],
76       ),
77     );
78   }
79 }
```

```
main.dart 9+, U X
app > src > main.dart > TitleSection > build
50 class TitleSection extends StatelessWidget {
54   Widget build(BuildContext context) {
74     color: Colors.yellow,
75   ),
76   const Text('682'),
77 ],
78 ),
79 );
80 }
81 }
82
83
84 class ButtonSection extends StatelessWidget {
85   final Color color;
86
87   const ButtonSection({Key? key, required this.color}) : super(key: key);
88
89   @override
90   Widget build(BuildContext context) {
91     return Row(
92       mainAxisAlignment: MainAxisAlignment.spaceEvenly,
93       children: [
94         _buildButtonColumn(color, Icons.call, 'Call'),
95         _buildButtonColumn(color, Icons.near_me, 'Route'),
96         _buildButtonColumn(color, Icons.share, 'Share'),
97       ],
98     );
99   }
100 }
```

```
main.dart 9+, U X
app > src > main.dart > TitleSection
84 class ButtonSection extends StatelessWidget {
85   final Color color;
86
87   const ButtonSection({Key? key, required this.color}) : super(key: key);
88
89   @override
90   Widget build(BuildContext context) {
91     return Row(
92       mainAxisAlignment: MainAxisAlignment.spaceEvenly,
93       children: [
94         _buildButtonColumn(color, Icons.call, 'Call'),
95         _buildButtonColumn(color, Icons.near_me, 'Route'),
96         _buildButtonColumn(color, Icons.share, 'Share'),
97       ],
98     );
99   }
100
101   Column _buildButtonColumn(Color color, IconData icon, String label) {
102     return Column(
103       mainAxisAlignment: MainAxisAlignment.min,
104       mainAxisSize: MainAxisSize.min,
105       children: [
106         Icon(icon, color: color),
107         Container(
108           margin: const EdgeInsets.only(top: 8),
109         ),
110       ],
111     );
112   }
113 }
```

```
main.dart 9+, U x
app > src > main.dart > ButtonSection > build
84 class ButtonSection extends StatelessWidget {
101   Column _buildButtonColumn(Color color, IconData icon, String label) {
117     ],
118   );
119 }
120 }
121
122
123 class TextSection extends StatelessWidget {
124   const TextSection({Key? key}) : super(key: key);
125
126   @override
127   Widget build(BuildContext context) {
128     return const Padding(
129       padding: EdgeInsets.all(32),
130       child: Text(
131         'O Lago Oeschinen fica aos pés do Blüemlisalp nos Alpes Berneses. Situado a 1.571m',
132         softWrap: true,
133       ),
134     );
135   }
136 }
```

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