

TURBINE KREUZBERG

FRONTEND DEVELOPMENT CHALLENGE

Thanks for your interest in joining the team here at Turbine Kreuzberg. Part of our recruiting process is to set an open-ended challenge which gives you an opportunity to demonstrate your coding skills. We think (and hope you agree) that this is better than asking you to scribble code on a whiteboard in an interview setting.

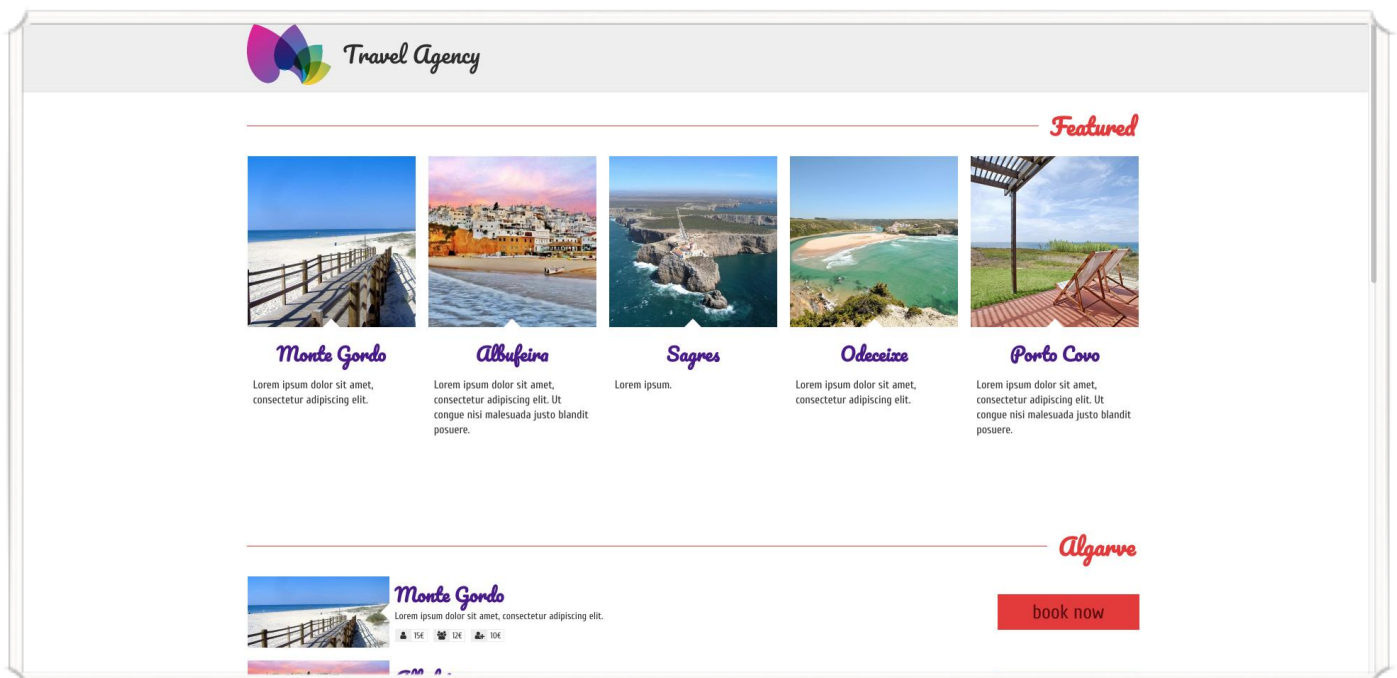
We realize that this represents a significant investment of effort, but one we hope will be worthwhile for both you and us, even if your application to Turbine Kreuzberg is ultimately unsuccessful. If you are successful, then we'll invite you to our office for a chat / video call, for discussing what you produced for this challenge and visit our facilities.

PREREQUISITES

- Average knowledge on HyperText Markup Language, Cascading Style Sheets and JavaScript;
- Familiarity with responsive design patterns;
- Github account and basic understanding of Git source control management.

OVERVIEW

We have created a category/listing page for the “Travel Agency” company which displays a bunch of product boxes with different content.



We would like you to build a similar page, as close as possible. These are the main guidelines:

- Header:
 - Bigger logo and center aligned on small viewports;
 - Sticky feature plus smaller and left aligned logo on remaining viewports.

- Footer:
 - 2 columns on small viewports: contacts and social links | smaller logo (grayscale), bottom right aligned;
 - 3 columns on remaining viewports: contacts | social links | bigger logo (grayscale), center right aligned.
- Content:
 - 3 product blocks: “Featured” | “Algarve” | “Alentejo”;
 - Each block has a heading which displays a button when hovering it (just on big viewports). This button switches block appearance between grid and rows modes.
 - “Featured” block:
 - 5 products;
 - Responsive grid: 1 | 2 | 3 | 4 | 5 columns.
 - “Algarve” block:
 - 10 products;
 - Responsive grid for small viewports: 1 | 2 | 3 columns.
 - Rows for big viewports.
 - “Alentejo” block: same as “Algarve” block.
- Product boxes:
 - Depending on block appearance, product boxes should be displayed vertically (like cards) or horizontally (rows);
 - Some information is only available on hovering/tapping product box;
 - Some elements like image and “book” button have animations.
- Other:
 - Fonts: Pacific, Cuprum (available on Google fonts) and FontAwesome;
 - Colours: use approximate;
 - Images: use the ones attached.
 - To provide you a better idea about some UI/UX aspects, we’ve attached a short video/animation where you can observe some details.

SUBMISSION

E-mail us to raquel.ponte@turbinekreuzberg.com once you have finished and also the URL to your Github repository. Alternatively, you can send us your code on a zip file attached to e-mail.

EXPECTATIONS

We are looking for readability, good decisions, modularity and attention to detail while testing your code. You are encouraged to include some notes about this aspects and/or whenever you consider important to explain your decisions.

FAQ

- What framework, library, preprocessor, template engine, tool... should I use?
 - You may use whatever you like and feel more comfortable with.
- Should I be careful with performance?
 - Despite not mandatory, it would be a plus.
- What about browser compatibility?
 - Yes, but you don't have to be too strict. Ensure your code has the same look and feel on the latest versions of most popular browsers.
- I'm stuck. What should I do?
 - Don't be. Send you questions to raquel.ponte@turbinekreuzberg.com. We'll answer as soon as possible.
- Is there a deadline for the challenge?
 - Not really. But of course time matters :-)