

Code Challenge Front End

This is a code challenge for candidates applying to a position as front end developer at ALTEN.

The Task

In the attached folder you will find a simple web app for displaying a contact list. It is possible to see a detailed view for each contact and to mark that contact as a favorite. There is also a search function and functionality for filtering the list to only display favorites.

1. The current version contains several examples of problematic code. The first part of this challenge is to refactor and improve the code in order to show your skills in different areas of front end development, such as markup, JavaScript and styling. Feel free to make far reaching changes to all parts of the code, including using a framework. However, be prepared to argue for your choices and tell us how you reasoned.
2. The second part of the challenge is to change the look of the web app so that it matches the *mobile first*-design represented in the images at the end of this document. It is not necessary for the styling to be pixel perfect, but it is a chance for you to demonstrate your competence in CSS.

We like consistent, scalable and modular code. Best practices and a good accessibility is preferred. Your web app should work in the latest versions of Chrome or Firefox.

Don't hesitate to ask us questions if there is something you are wondering about.

Good luck!

Design Specification

Base your work in the design images below. They reflect the mobile version of the web app. In the folder *assets* you will find graphics assets that you may use.

Contacts



Filter favorites

Roselyn Hahn

Javon Gleichner

Madonna Metz

Jeffrey Ryan

Nat Stiedemann

Nicklaus Stokes

Morris Bechtelar

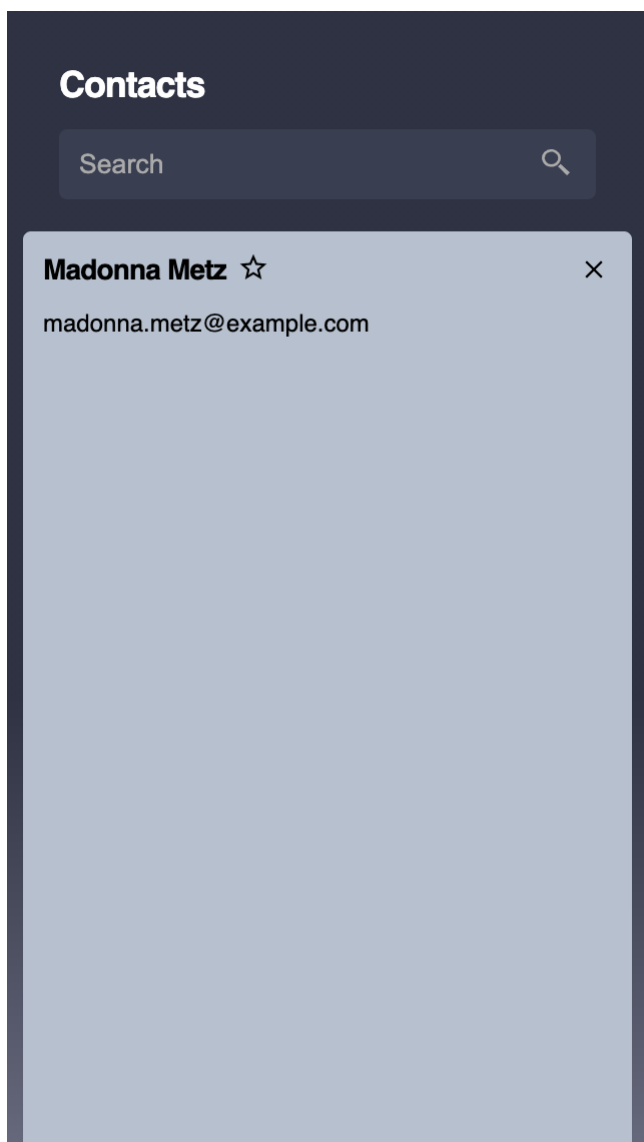
Michale Hammes

Keyon Herzog

Brody Schaefer

Stacey Kozey

Overview: List of contacts



Detailed view: Contact information for a specific person

Colors

The following is a list of the colors used in the design:

#2f3142

#67687d

#fff

#000

#3a3d52

#aaa

#3a3d52

#4e536f

#b7c0ce