

## ABOUT

I'm Anna. Before this course, my coding experience was limited to my studies in high school and university. I've worked for three years in a startup, managing projects related to implementing ERP-system analogies, like document flow and client management.

This summer marked the start of my real programming journey. In a recent project, I led tasks involving the news block – from API integration to display – as well as database management, including migrations and seeds. I also handled portfolio tasks, including complex calculations.

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## NEWS

I was responsible for displaying the most recent stock news to users and visitors. This was important so that people could know what's happening in the stock market. I used a paid tool (thanks to Victor for giving us access) to get information from a special source. Then, I wrote code to get the newest 50 news stories about stocks. From these, I showed six of them in a special way that looks nice on our website. Just so you know, I could have shown all 50 if needed.

Because of this work, the news on our website now changes in real-time and gives useful information. This helps our users quickly understand what's happening with stocks. This change also makes our homepage better and more user-friendly.

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## DB

I set up consistent tables and data seeds in our shared database. This way, everyone had the same starting point for their work.

I also used an API (chosen by our API-expert Arijana and Stock-market consultant Victor) to add basic company details to the database. This helped us all have some initial information.

I used the API's responses to automatically update certain parts of the database, so our data stayed current and matched what we needed for the project.

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## DASHBOARD

The "My Dashboard" page shows three kinds of information:

- Your Info: This is where you can change your personal details and other information about yourself as a user.
- Portfolio Success: It tells you how well your investments are doing. It includes details about the three best-performing companies in your portfolio. These

companies are ranked based on two things: the price of their shares (which is called ESP) and how well they are doing overall. You'll also see the total amount of money you've put into your investments, how much your portfolio has gained, and how well the whole portfolio is doing.

- Portfolio Content: This shows the companies that are part of your portfolio, along with some important information about them. An expert named Victor chose these important points. If we had more time, we could show even more details. You can also arrange the list, like putting it in order by the current price of the shares. And of course you can explore and add new companies to your portfolio or delete them. All information about analytical rating, 24h change, performance percentage and current share cost displays from API, so, it's up-to-date.

Once we got a reply from the API, we changed the data in our database. We also figured out new numbers for things like how much we gained, how much we invested, and how well everything was doing. After that, we showed this new info here. But if the API didn't work or the stock market was not open, we just used the numbers from our database that we got the last time the stock market was open.