

Dobre Alexandru

Software Engineer & Certified UI/UX Designer

Software engineer and UI/UX designer, capable of building clear, responsive projects with an intuitive user Interface that gives the right amount of feedback to the user interaction, creating a rewarding and engaging User Experience.

Started out as a Front-End engineer but have since branched out into back-end development a bit with NodeJS (Express) and MongoDB, currently learning some Kubernetes & in-depth Docker and trying to get a better grasp of Cloud Computing.

Skills / Tech / Code

- | | | | |
|--------------|---------------------|---------------|---------------------|
| • Javascript | • React | • Jest | • Bootstrap |
| • CSS3 | • React Hooks | • Vue | • Adobe XD |
| • SASS | • Redux | • NodeJs | • Adobe Illustrator |
| • HTML5 | • React Router | • MongoDB | • Adobe Photoshop |
| • GIT | • Styled Components | • Webpack | • Figma |
| • jQuery | • Cypress | • Material UI | • Shortcut |

Design / UI / UX

I've been told on different occasions that I have a great eye for design and this pushed me to dive deeper into the world of UX/UI, consequently I obtained the Professional Diploma in UX Design from the UX Design Institute.

This helped me get a good grasp of the entire design process which together with knowledge of client-side and server-side development, allows me to analyze the situation from multiple points of view and to provide in-depth insights.

Contact

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alexandercoding.com

github.com/Zerelt

Experience

Nov 2018 - today

Front-end engineer at The Prospect Exchange (100% remote)

What's it about:

- Professional hockey game analysis app that allows players to gain exposure and coaches to find new talent.

Marketing website development:

- Translated UI designs for the first version of the marketing website into a working website using Javascript, React, styled-components, React-Router and more.
- implemented best practices to ensure consistent user experience on any device.

Note: partner stakeholders have since decided to let a separate marketing agency build a new version of it and handle the marketing, social media and other.

App development (newest at the top) :

- collaborated with new management to get them up to date with our tech, system, and services by providing information about our architecture, full list of 3rd-party services we make use of, provided gap analysis of the current state of the app and various analytics about our users. While several other points from the document are yet to be addressed, for now, this encouraged the team to move on from storing videos long term on our own Google Cloud account and make use of another system that we've acquired. This resulted in the deletion of 3 terabytes of videos resulting in a substantial decrease of costs for our system.
- alerted our team of CircleCi's recent credential compromise (Dec 2022) which triggered both an updated of all our env variables and also a step up in how we handle security.
- built the new version of the app according to the new design I provided
- redesigned the majority of the app to modernize it while also helping it fit the new and pretty strict requirements and constraints within the current business plan.

Design tools used: Figma, some Illustrator, some Photoshop.

Experience

- heavy contributions to brainstorming session and/or meetings with stakeholders and the team to discuss new features, feasibility and impact of new requests and UX.
- some server/back-end development (NodeJS)
- helped switch to a different payment service and found a server side vulnerability and reported it to the back-end team
- added Google Analytics
- designed and built dozens of email templates (old-school email code with nested tables) on the Sendgrid platform and several emails for campaigns on Mailchimp
- wrote code to consume REST API to retrieve statistical data from the back-end, then process this data to use with the chosen chart library and display the statistical data about player and individual game which can be viewed by both coaches and player
- wrote code to consume to REST APIs for games, players, and coaches' search and communication between coach and player as well as player game uploads
- built the search functionality with multiple search filters and infinite scroll for the coach page
- built separate dashboards for Players and Coaches with respective routing limitations based on the user type
- refactored legacy code to improve the user experience on smaller screens since the provided design files were only for desktop screens. While checking that everything was pixel perfect I found several problems that required a pretty significant refactoring of legacy code
- used the Adobe Creative Cloud to modify given assets for a more performant web experience and to ideate new pages/features that weren't in the initial design
- translated UI designs from Zeplin (first version) to a mobile first interactive app using React, Redux, React Router, React Hooks, Styled Components, React Sagas, Material UI

Endorsements

“ Alex has been an instrumental part of our engineering team for the last two years. He's talented, hard working, committed, and always learning and improving himself. It's an absolute pleasure to recommend Alex for any position he decides to pursue. ”

**Michael Zucker, CEO of The Prospect Exchange
(and Director Of Engineering at Zoopla, UK)**

“ I've worked with Alex for a really long time, and he is probably one of the most diligent people I've ever worked with. I've seen him keep moving forward in the face of really tough challenges with old, complex, or messy technologies that we had to deal with. I think his dedication, dilligence, good eye for design, and solid code will be a great addition to any project, and I'm interested in seeing where he will go next! ”

Fabio Santos, Senior Software Engineer

Links

Personal website

www.alexandercoding.com

TPE Marketing website : www.theprospectexchange.com

TPE App : application.theprospectexchange.com

Both codebases are private repositories and the company was acquired via majority shareholding by Total Package Hockey. Following this, I had to sign an NDA so what I can show to prove my contributions to this project will be very limited.

Github profile - <https://github.com/Zerelt>

Here you'll find several other personal projects that haven't been added to my website since they're quite old both in terms of codebase and design, but they're available for review.

Design samples (check the pages inside Figma via the top left button):

[TPE Design Work \(UI\)](#)

[UXDI Project \(UX & UI\)](#)

[Other Project Examples \(UI\)](#)

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