Engineer Software

Contributed to user interface design processes

Contributed to user interface design processes, ensuring intuitive, visually appealing, and user-friendly project interfaces.

2015 – 2022

interfaces designed to be understood, not admired

Situation. The interfaces across our projects were uneven. Some were fine, some had clearly been built by engineers thinking about the data model rather than the person who'd have to use it, and the design decisions weren't always made with the end user in the room. On a web-map product especially, the map is the easy part — it's the controls, the filtering and the flow around it where people get lost.

Task. Getting involved in the UI design process was part of the role — to help make the interfaces something people actually found intuitive and pleasant to use, not just functional.

Action. The role wasn't the designer's, but it sat in the design process and brought an engineering perspective — pushing on layout, on the flow through a task, on whether a screen was actually clear or just familiar to the people who'd built it. These were React, Angular and Vue front-ends sitting over Mapbox and Leaflet maps, and a lot of the usability lived in the details: how you filtered a dataset, how you moved between floors on an indoor map, whether the thing told you what it was doing. Mostly it meant asking the dumb-user questions early, while they were still cheap to fix, instead of after release when the confusion came back as support tickets.

Result. The interfaces got more intuitive and more polished, which end users felt directly, and it lifted the overall quality of what got put out. Getting the usability questions asked during design rather than after release is most of what made the difference.

Bring this experience to your project

Use “Contributed to user interface design processes” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Interfaces that load quickly, work on a phone and behave the same in every browser your customers happen to use.

Explore our services Get in touch →

Look behind the result

Read the situation, decisions and result in this example. We can discuss which parts transfer to your constraints and which need another approach. Contributed to user interface design processes — interfaces designed to be understood, not admired

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Want interfaces people actually enjoy?

Talk through your project with the engineer responsible for delivery. We agree the scope, price basis and handover in writing before work begins.

Role context: GIS Software Development Team Lead. It draws on Frontend Engineering, Web Development, GIS / Geospatial, Design Systems & UI and UX / UI Design. And while you are here, we are rather good at Frontend Development and UI/UX Design & Design Systems.

Get in touch Explore our services

One piece of **a longer record** — and it is all on this site.

Every entry is written the same way: the situation, the task, what we did and what changed.

See the whole record

Define the improvement you need

Describe the workflow, the existing interfaces and the users who need the change. We can define a testable delivery and a handover that lets your team maintain it.

See what it costs Get in touch →

Want interfaces people actually enjoy?

Ask about the decisions behind “Contributed to user interface design processes”. You will speak with the people who can explain the work and assess your own project.

Explore our services

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Carefully Crafted With Love by D.

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