Engineer Advisory

Built the operator back-office for the platform

Built the operator back-office — around 40 admin routes and 128 components covering claims, moderation, feature flags, cache and diagnostics — so the platform can be run without database access.

2025

128

back-office components, so nobody needs the database

Situation. Every platform quietly grows a second application, and it is usually the one nobody plans. Somebody has to approve a claim, hide a review, turn a feature on for a subset of users, clear a cache, or work out why one account is seeing something odd. When that application does not exist, the answer is an engineer with a database console — which is slow, unlogged, and one typo away from an incident.

Task. Running the platform day to day had to be possible without a shell, so operations belonged to whoever was on duty rather than to whoever had the credentials.

Action. The back-office came to roughly 40 admin routes built from 128 components, and it covers the work as it actually arrives: adjudicating company ownership claims, moderating reviews and posts, flipping feature flags, inspecting and clearing caches, reading diagnostics, and the reporting the CEO asks for. It runs on the same design system and the same generated API client as the public product, which was the deciding choice — an internal tool built on its own stack becomes the part nobody updates, and then the part nobody trusts.

Result. The people who run the platform can run it, and every action goes through the same authorization and leaves the same trail as anything else. It is a large surface to keep tested and accessible for a small internal audience, and

that cost is ongoing. It is still cheaper than the alternative, which is an engineer typing UPDATE against production at nine on a Sunday evening.

Bring this experience to your project

Use “Built the operator back-office for the platform” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Turning what the business wants into something a developer can build, and saying out loud what is not worth building.

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. Built the operator back-office for the platform — 128 back-office components, so nobody needs the database

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Need to run your platform without a database console?

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: Full Stack Engineer. It draws on Backend Engineering, Frontend Engineering, Full-Stack Development, UX / UI Design, Product & Requirements and System Administration. And while you are here, we are rather good at Frontend Development, Full-Stack Product Development, AI Agent Tools & MCP Servers and Product Strategy & Requirements.

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

Bring the decision, the people affected and the options already considered. We can make the tradeoffs explicit and leave a documented recommendation.

See what it costs Get in touch →

Need to run your platform without a database console?

Ask about the decisions behind “Built the operator back-office for the platform”. You will speak with the people who can explain the work and assess your own project.

Explore our services

welcome@engineer.company +45 50 10 61 84 Copenhagen, Denmark

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Carefully Crafted With Love by D.

CVR 45969703 · Tagensvej 105C, 3. th, 2200 København N

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