Engineer Data

Migrations & Modernization

4 achievements

Connect the parts of your system

The work collected under “Migrations & Modernization” shows one part of a working system. We can help connect that part to the rest of your operation. Data taken out of something ageing and into something supported, with the business still running while it happens.

Explore our services Get in touch →

Find a comparable challenge

Follow an example that resembles your situation. Its review describes the decisions behind the result, beyond the technology label. Improved GIS map performance 10x on PostgreSQL — 10x faster maps, after moving off MSSQL

Improved GIS map performance 10x on PostgreSQL Get in touch →

Improved GIS map performance 10x on PostgreSQL

Improved geographical map application performance by 10x through strategic database transition from MSSQL to PostgreSQL, including the data cutover, optimizing processing and data security.

Implemented a catalogue-driven deep-merge

Implemented a catalogue-driven deep-merge for stored JSON preferences, preventing missing-key crashes as the schema evolves.

1,022 migrations behind a schema drift gate

Kept the schema honest across 1,022 migrations with a CI gate that builds the database both ways — a fresh install, and an install plus every migration — and fails when the two disagree.

Moved every string into a content tree

Moved every user-facing string out of Python into a content tree of 874 files across three languages, after finding dead translations nobody could see were dead and a check silently grading a third of the achievements.

Focus the engineering effort

Bring a representative dataset, the questions it must answer and the current bottleneck. We can agree how to measure quality, throughput and recovery.

See what it costs Get in touch →

Put the subject in your context

Tell us how “Migrations & Modernization” appears in your own system. We can help choose the relevant service and define the work around it.

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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