Engineer

Cases

Selected projects, with their scope, key decisions and our role in the work.

Engineer ApS was registered in 2025. These cases include company projects and work our founder carried out in client teams and as an employee, dating back to 2003. Each case explains the role and working arrangement.

Infrastructure simplified beyond AWS

Reviewed an international client's infrastructure, removed unused services, adjusted capacity and moved workloads away from AWS.

2025

Read the case study

One infrastructure plan for 14 departments

Designed a shared framework for a research institute that 14 departments could run on together, each keeping the things that make it different.

2025

Read the case study

30 days of electricity data in 180 ms

Implemented Python, JQ and SQL variants for hourly electricity aggregation. In the recorded benchmark, Python processed one dataset covering 30 days in 180 ms.

2025

Read the case study

A maritime platform with clear system boundaries

The founder's work for NextMariner separates a Next.js interface, a Go API and PostgreSQL business rules. Each layer has a defined responsibility.

2025

Read the case study

A mapping product, carried end to end

Infrastructure, data processing and the map application itself, built and kept running for two years.

2025

Read the case study

Time-ordered keys for a growing data model

Configured UUID v7 as the platform's identifier convention to keep new keys ordered by time.

2025

Read the case study

A consistent identity across channels

Developed Engineer ApS branding across offline and online material, connecting its visual identity with the engineering work it presents.

2025

Read the case study

Brand communication informed by audience response

Used market research and audience feedback to shape Engineer ApS content and outreach.

2025

Read the case study

Three locks on the door, none of them locked

Audited the server's intrusion defences and found all three had never worked: one watched the wrong door, one was overruled by a broader rule, and one could not run at all.

2026

Read the case study

Backup automation with an explicit restore method

Implemented restic backup, retention, integrity checks and a monthly restore-test workflow, with documented activation prerequisites.
The implementation record dated 2026-10-27 records no completed live restore.

2026

Read the case study

Public services on a small server

Hosted the company’s public web and git services on a 512 MB machine, treating memory as a design constraint.

2026

Read the case study

Infrastructure defined in a repository

Defined Engineer ApS host roles, service configuration and checks in Ansible. Reusable configuration keeps infrastructure decisions visible in the repository.

2026

Read the case study

A bounded event pipeline for a macOS app

Bounded event buffers, filtered subscriptions and budgeted logging in a macOS app. A recorded full test run reduced core log lines from 610,996 to 1,411.

2026

Read the case study

Accessibility checks across 32 pages and both themes

Built checks for 32 representative pages in both themes, including keyboard access and text spacing, with a conformance record documenting each criterion.

2026

Read the case study

The accessibility faults your checker misses

Found and fixed 11 real barriers an automated tool had passed as healthy, among them links invisible to the eye that a keyboard could still land on.

2026

Read the case study

A safety net that no longer costs half an hour

Cut the automated checks guarding every release from 27 minutes to 10, by running them in the right order and several at a time.

2026

Read the case study

Know the licence of everything you ship

Put a licence check on 644 third-party components that runs on every build, and proved it fires by breaking it on purpose.

2026

Read the case study

Your code on your own server

Set up private code hosting on the company's own server, reachable only through one controlled entry point, with no public web panel to attack.

2026

Read the case study

These cases introduce selected engineering work in plain language. Each links to the full record: the situation, the contribution and the result. Use the examples to judge relevance to your project, then ask about the scope and supporting evidence.

Find a comparable business result

Compare delivered projects with the business problem you need to solve.

Explore our services Get in touch →

Open the case behind the claim

Open the case closest to your situation and read its context, decisions and result. Infrastructure simplified beyond AWS — 10x lower cloud bill, with nothing given up

Infrastructure simplified beyond AWS Get in touch →

Your problem has **a shape** — and it is probably one of these.

Case studies written by us, covering project context, engineering decisions and reported outcomes.

Tell us about yours

Explain what differs in your situation

Bring the outcome you want and the differences between your situation and the example.

See what it costs Get in touch →

Discuss applying the experience

Ask how the relevant experience could become a scoped piece of work for your organisation.

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