Engineer Software

Internationalization

8 achievements

Connect the parts of your system

The work collected under “Internationalization” shows one part of a working system. We can help connect that part to the rest of your operation. 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 →

Find a comparable challenge

Follow an example that resembles your situation. Its review describes the decisions behind the result, beyond the technology label. Directed full-stack GIS map development — full-stack mapping, from database to browser

Directed full-stack GIS map development Get in touch →

Built an English/Danish i18n system

Established an English/Danish internationalization system carrying 12,027 messages per locale across 458 namespace files, with linter-enforced vocabulary and a 400-line budget per file.

Built a multilingual Hugo site in 3 languages

Built a multilingual static site in Hugo across 108 template files including 53 partials, publishing every page in four representations from one content tree in three languages, and again under seven focused subdomains built from that same tree.

Accessibility checks across 32 pages and both themes

Implemented WCAG 2.2 Level AA checks across 32 representative pages in both colour themes, with a conformance record, one AAA criterion checked and the partial result for criterion 1.4.13 stated explicitly.

Generated 495 pages from a SQLite export

Generated 495 achievement pages across three languages from a read-only SQLite export, with the page address authored as data so that correcting a sentence no longer moved the page and broke the link.

Mirrored the site to Gemini and Gopher

Built Gemini and Gopher outputs from the same website source; the achievement records 777 documents in each format at that stage, with zero HTML bytes changed by adding the formats.

Built a database-driven CV generator

Built a database-driven CV, references, portfolio and cover-letter generator in Python — 41 modules, 10,580 lines — rendering six output formats from one 23-table SQLite source assembled by a 19-step idempotent pipeline.

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.

Built a cross-language figure check

Built a cross-language content check that fails when a translation drops a figure the English states, and when a language uses notation it does not use — finding two Danish descriptions missing a metric and sixteen Ukrainian spans quoting in the English style.

Focus the engineering effort

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 →

Put the subject in your context

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

Explore our services

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Contact card

Carefully Crafted With Love by D.

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