

AI tools that give care teams time back

I design, build and set up AI tools around how doctors, nurses, coders and patients actually work, with a person always making the final call. Interfaces staff trust, working software to try before you commit, and the safety and evaluation work that keeps it trustworthy.

What I do

Design

UI/UX for clinical AI built around doctor and nurse ease of use. Workflow mapping, explainable flags, accessible patient content, explainer film and motion.

Build

Working prototypes and front-ends in code, so a ward or team can try an idea on synthetic data before anyone signs a contract.

Set up

Fitting AI into existing workflows: evaluation of model outputs, audit trails, pilot measures and input to clinical safety and IG work.

Seven working tools you can try today

- 01 **Ward overview:** live NEWS2 board, sorted by risk, with overdue obs and trends
- 02 **Early warning:** NEWS2 scoring, trend and an SBAR escalation draft
- 03 **Shift handover:** notes into SBAR with allergy, falls and anticoagulant flags
- 04 **Discharge letters:** ward notes into a structured GP letter with medicine changes
- 05 **Clinical coding:** ICD-10 suggestions with evidence and negation spotted
- 06 **Missed appointments:** explainable risk and help to offer, never overbooking
- 07 **Plain-English letters:** patient versions with a reading-age check and audio
- **Try them online:** open Halvia Ward from the Halvia page

How a project runs

Discover

1-2 weeks
Shadow the team, agree one problem

Prototype

2-4 weeks
Working software, synthetic data

Pilot

Agreed with you
Supervised, measured, safety case input

Scale

Ongoing
Docs, training, monitoring

Principles

- **A person makes the call.** AI drafts and flags; named staff approve.
- **Show the why.** Every flag links to its source sentence or rule.
- **Privacy first.** Designed with UK GDPR, DPIAs and the DSPT in mind.
- **Safety designed in.** Hazards logged early to support DCB0129, DCB0160 and DTAC.
- **Accessible.** Plain English, reading-age checks, WCAG 2.2 AA.
- **Measure, then trust.** Outputs scored against clinician-written rubrics and checked for fairness.

Shipped work

CHKS, AI clinical coding. Product explainer film for an AI clinical coding system used across the NHS, plus interactive UI built with Framer and Claude Code. Earlier: motion and digital design for the BBC, Universal, Paramount and LIV Golf.

Got a workflow that's eating your team's time? [Let's talk.](#)

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