

AI/ML | Custom Software Development

Building Strong Data Foundations for Better Patient Care

Yahara Software built a backend portal with integrated machine learning for Inkwell Health's remote patient monitoring platform, ensuring accurate data and healthcare compliance.

Our Client

Inkwell Health helps physical therapists manage and bill for remote patient care. Their Remote Therapeutic Monitoring platform uses wearable devices to keep patients connected to their care teams from home.

The Problem We Solved

Wearable data only helps patients if care teams can trust it in real time. Inkwell needed one dependable source of truth behind its mobile apps and physician portal, machine learning models that held up in production rather than just in a demo, and a system built to healthcare's strict compliance and privacy standards — plus a way to tie patient data to insurance billing.

The Value We Delivered

Yahara built the centralized backend that keeps patient data consistent across every app and portal, integrated machine-learning models into production without heavy manual oversight, and built the compliance, privacy, and billing infrastructure the platform needed. The result is a scalable, secure system supporting better patient outcomes — and a reminder that in healthcare AI, the data has to be right before the models can help.

What Was Accomplished

- **Production ML Integration:** Deploying machine-learning models into live systems without heavy manual oversight
- **Centralized Data:** A single source of truth keeping mobile apps and web portals in sync
- **Healthcare Compliance & Data Privacy:** Engineering built to strict regulatory standards
- **Billing & Insurance-Code Integration:** Connecting patient data to reimbursement workflows
- **Adaptive Project Delivery:** A flexible methodology built for the unique demands of healthcare projects