Mediwave Digital

MEDIWAVE

Why Mediwave ?

Our primary objective is to consistently deliver comprehensive services, encompassing discovery, design, development, DevOps, QA, and deployment. We aspire to gather leaders in both healthcare and technology within our ranks. Leveraging the collective expertise of our team, we are determined to propel Mindwave to the forefront of 'digital health,' establishing it as a distinguished industry leader in the UK.

5+ Years

Our journey, originating in a modest apartment, has evolved into a flourishing two-floor office with a dedicated team of 50 members. Along this path, we have achieved ISO certifications and garnered recognition for our commitment to mental health initiatives and excellence, acknowledged by the NHS.

50+ Professionals

We take pride in our diverse team, comprising over 50 professionals with varied religious and regional backgrounds. This collective strength collaborates seamlessly across QA, DevOps, administration, and management to ensure optimal outcomes for every project.

37+ Projects

We have achieved successful delivery of over 37 projects in collaboration with Mindwave, including Personal Health Record (PHR) projects for NHS Trusts in Worcester, Cheshire & Merseyside, and various locations across the UK. Furthermore, our expertise extends to developing applications for research at esteemed institutions such as King's College London. Presently, we have 23 additional projects actively in progress.

Mediwave has great history

In 2018

Mediwave was established in Pondicherry (now Puducherry) with a humble beginning, consisting of just five software developers specialising in web applications using AWS and JavaScript. Our inaugural office space was a modest apartment, marking the initial stages of our journey.

In 2019

In 2019, our initial five-person team underwent significant expansion, incorporating roles in QA, DevOps, administration, and management. During this period, we successfully launched our first Personal Health Record (PHR) project Beth. Additionally, we ventured into other notable research projects, including the Asset project in Sri Lanka.

In 2020

The year 2020 marked a significant milestone for us as we inaugurated our new office space and embarked on an active recruitment drive to expand our talented team. At the same time, we adopted cutting-edge technologies such as Azure and Kubernetes to enhance our capabilities and stay at the forefront of industry advancements.

In 2021

We proudly achieved certifications in ISO 27001 (Information Security) and ISO 9001 (Quality), underscoring our commitment to maintaining high standards in both information security and quality management. To date, we have successfully executed six Personal Health Record (PHR) projects, showcasing our proficiency and dedication in delivering impactful solutions.

In 2022

We expanded our team by recruiting eight trainees and extended our office space to accommodate the growing workforce. In an effort to alleviate work stress, we implemented an alternate Fridays off work schedule. Additionally, we streamlined our project management processes by consolidating the usage of Wrike.

In 2023

We ventured into AI and other emerging technologies while we transitioned to a SaaS model. This forward-looking initiative aims to enhance the functionality and efficiency of our offerings, aligning with industry advancements and evolving user expectations.

Our technologies

Web Development

node.js | Express JS | Bootstrap | ANGULAR | HTML5 | Tailwind CSS | React

Mobile Development

ionic | React Native

CMS

Apostrophe | tina | WordPress

Databases

mongoDB | PostgreSQL

Infrastructure

kubernetes | docker | Azure | aws | ubuntu

We offer

We are a passionate and energetic team of designers and developers committed to creating impactful digital products and services. As Mindwave Ventures exclusive development partner, we work exclusively on projects for their clients.

Design

We specialise in transforming the designs conceptualised by the Mindwave team into functional front-end code for real-life applications. Mindwave focuses on user-centred designs and ensures that the platforms we build not only meet but exceed expectations, creating a positive impact for end-users. We work with CMS such as Tina and Apostrophe.

Development

A team of skilled full-stack developers, QA experts, and DevOps programmers collaborates seamlessly on a wide array of projects. Our focus is on connecting clinicians, patients, caregivers, and admins, with a shared goal of integrating technology and healthcare to enhance overall efficiency and effectiveness.
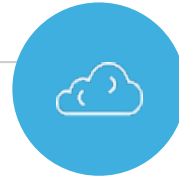
DevOps

DevOps is a set of practices that unifies software development (Dev) and IT operations (Ops). The primary objective is to streamline the systems development life cycle, fostering continuous delivery while upholding high software quality standards.
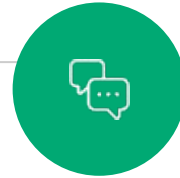
Support

Our support team, consisting of voice analysts, marketing experts, and content writers, closely collaborates with our core team. This close collaboration enables us to address user needs, develop effective solutions, analyse market conditions, and ensure operational excellence across various facets of our operations.

Mediwave process

05. Testing

Testing phase, where every aspect of the project is scrutinized to ensure it meets quality standards and user expectations.

04. Development

As development kicks off, the Development phase sees the actual creation of the project's components and functionalities.

03. Design

Moving to the Design phase, detailed plans are created based on the gathered requirements. This involves structuring the project's architecture, designing user interfaces, and selecting suitable technologies for implementation.

02. Analysis

During the Analysis phase, meticulous gathering of requirements takes place, ensuring a thorough understanding of what needs to be achieved. SWOT analysis aids in identifying potential challenges and opportunities, while feasibility studies determine if the project is viable within set parameters.

06. Deployment

Once the project has passed testing, it enters the Deployment phase, where it is prepared for release into production environments. Deployment processes are carefully executed to minimize disruption and ensure a smooth transition.

07. Operation & Maintenance

With the project live, the focus shifts to Operation and Maintenance. Here, ongoing support is provided, and regular maintenance tasks are performed to keep the project running smoothly. User feedback is also collected and used to iterate on the project, ensuring it continues to meet evolving needs.

08. Closure

Once all project deliverables have been completed and approved, the project enters its closure phase. This involves formalizing acceptance of the project outcomes by stakeholders, conducting a post-project review to evaluate lessons learned, and documenting final reports and documentation.

01. Initiation

Initiation marks the inception of the project, where the objectives are outlined, stakeholders identified, and a project charter established to guide the team.

Project profile

Project name:

The Oxcare platform

Client name:

Oxleas NHS Foundation Trust

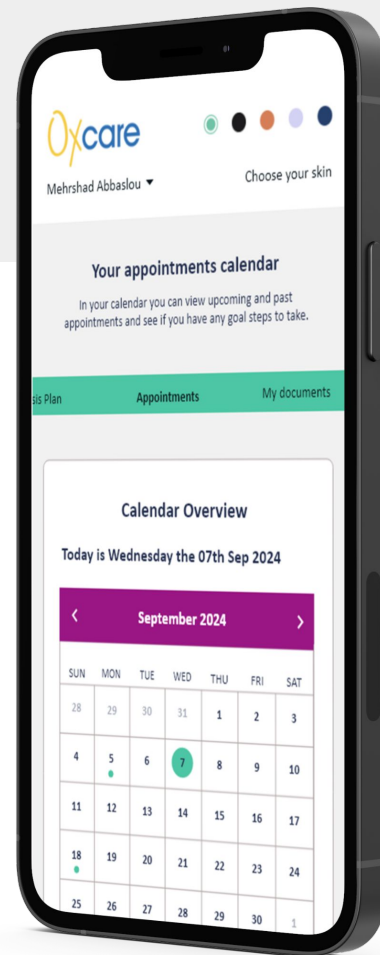**Client location:**

Bexley, United Kingdom

Tech stack: NodeJs, Apostrophe CMS, ExpressJs

Project brief and functional areas:

Starting in January 2020, Mindwave has forged a strategic partnership with Oxleas to streamline 27 business goals into four key areas: Care, Community, Trackers, and Tools. Accessible through NHS login, the platform empowers patients to take control of health records, care plans, appointments, and access personalised educational resources.

Impact and achievements:

Oxcare exceeded expectations, garnering 560 users in its inaugural year itself. Impressively, the second year saw a remarkable 141% increase, totalling 1,348 active users. The digitisation of correspondence resulted in an estimated £2,000 in savings by 2023. Furthermore, the implemented messaging system enhanced communication, particularly within the ADHD team, leading to increased parent/carer satisfaction and overall improvements in patient care and engagement.

Project name:

The Alder Hey CYP As One™ Platform

Client name:

Alder Hey Children's NHS Foundation Trust

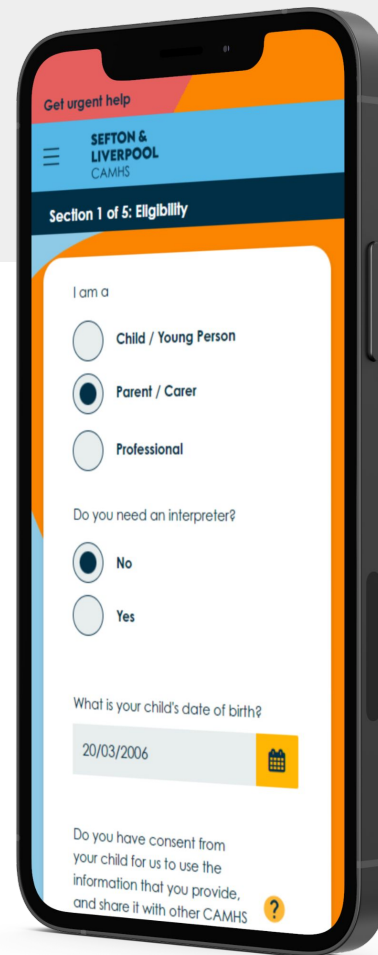**Client location:**

Liverpool, England

Tech stack: Apostrophe CMS, Mongodb, NodeJs, PostgreSQL, Sequelize

Project brief and functional areas:

Launched in May 2021, the Alder Hey CYP As One™ platform was co-designed collaboratively by more than 100 CYPs, parents, and staff to address real-world needs. Prioritising early intervention and self-management, the platform seamlessly integrates 13 mental health providers in Liverpool & Sefton, simplifying CAMHS referrals and enhancing support access.

Impact and achievements:

The CYP As One™ platform significantly enhanced mental health resilience in Liverpool and Sefton by streamlining processes for CYPs, facilitating early intervention, and enhancing support accessibility. The platform received recognition with nominations at the 2021 HSJ Awards and won the innovation category at the Forward Health Awards 2021. The Sefton Council commended its pivotal role in augmenting the early intervention framework.

Project name:

Medichec

Client name:

South London and Maudsley
NHS Foundation Trust

Client location:

London

Tech stack: Angular, NodeJs, Mongodb, Cordova, Mongodb

Project brief and functional areas:

Medichec is an app designed to detect medications that may pose risks to cognitive function in older individuals. It achieves this by assessing their anticholinergic effects, which have the potential to impair concentration and memory. The app evaluates the cumulative impact of multiple drugs, providing valuable assistance to clinicians in identifying and mitigating the risk of cognitive impairment and dementia. This process is facilitated through the utilisation of the Anticholinergic Effect on Cognition (AEC) scale.
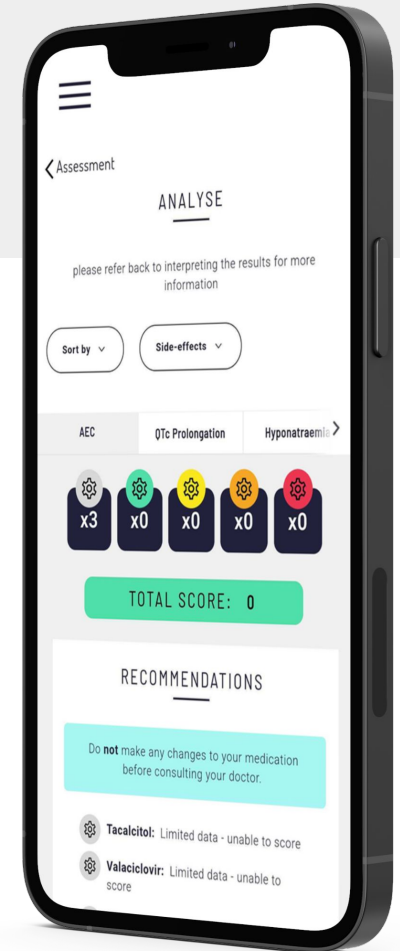
Project name:

MSI

Client name:

MSI Reproductive Choices UK

Client location:

United kingdom

Tech stack: React, Node, Postgres

Project brief and functional areas:

MSI provides Global access to reproductive choice for 85,000+ individuals.Focusing initially on the UK region, they've introduced an innovative online booking portal offering three key services: Termination of pregnancy, Vasectomy, and Long & Reversible Contraception (LARC). This portal emerged from extensive workshops aimed at understanding and addressing the challenges of the current system. The primary goal is to streamline access to treatment by guiding users to the appropriate pathway while ensuring necessary safeguarding checks. By offering greater choice, faster communication, and a more efficient route to treatment, this initiative aims to curb unintended pregnancies, reduce unsafe abortions, and prevent maternal deaths on a significant scale.
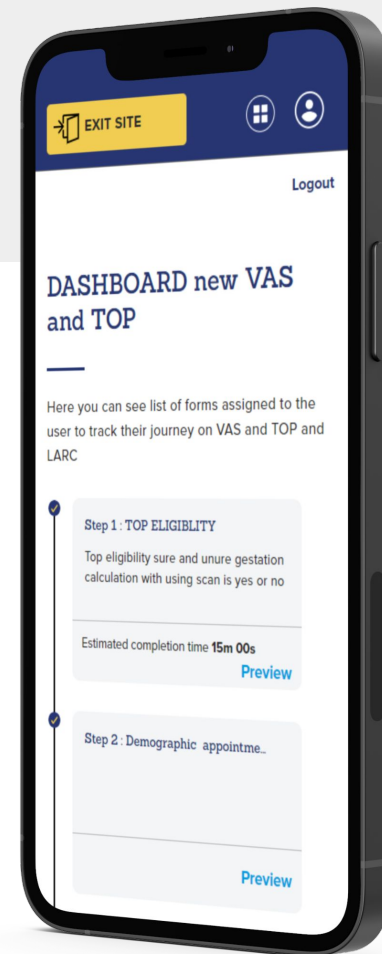
Mediwave valued clients

Mindwave has successfully delivered for NHS England, seventeen NHS Trusts, ICSs, five charities & public sector organisations, four leading universities and five private companies...

Thalamos

NHS
Southern Health
NHS Foundation Trust

Acacium Group

NHS
Northern Care Alliance
NHS Foundation Trust

KING'S College LONDON

UNIVERSITY OF CAMBRIDGE

NHS
Somerset
NHS Foundation Trust

NHS
South London and Maudsley
NHS Foundation Trust

NHS
Oxleas
NHS Foundation Trust

NHS
Worcestershire Health and Care
NHS Foundation Trust

RECOVERY FOCUS

NHS
England

NHS
Kent and Medway
NHS Foundation Trust

the aplastic anaemia trust

NHS
Alder Hey Children's
NHS Foundation Trust

NHS
Royal Free London
NHS Foundation Trust

MSI
REPRODUCTIVE CHOICES

NHS
Health Education England

Eastern AHSN

NHS
Worcestershire Acute Hospitals
NHS Trust

brook

Cheshire and Merseyside
Health and Care Partnership

Herefordshire and Worcestershire
Integrated Care System

NHS
Wye Valley
NHS Trust

NHS
Mersey Care
NHS Foundation Trust

NHS
Birmingham and Solihull Mental Health
NHS Foundation Trust

Hertfordshire

LONDON COUNCILS

Team strengths

Design team

- Research & Discovery
- User flow
- User stories
- Prototyping
- Visual design

Development team

- Full-stack JavaScript Proficiency
- API Integration & Development
- Responsive & User-Centric Design
- Performance Optimisation & Scalability
- Cross-functional Collaboration

DevOps team

- Infrastructure as Code (IaC)
- Infrastructure Creation
- Cloud Management
- Container Orchestration
- Release Management
- Automated Deployment Pipelines
- Monitoring

QA team

- Test planning
- End to end functional testing
- Integration testing
- Performance & security testing
- Documentation

Operation team

- Administration
- Human Resource Management
- Finance
- Security and Governance
- Networking

Business Development

- Market Insight
- Lead Generation
- Relationship Building
- Cross-functional Collaboration
- Results-Driven Approach

Project Management

- Agile practices
- Communication
- Organisation
- Problem Solving
- Risk Management
- Stakeholders Management

Support team

- Understanding client Needs
- Ticket Triage & Prioritization
- Issue Diagnosis & Resolution
- Communication & Updates
- Performance Metrics & Analysis

Let's get in touch

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