



END-TO-END DIGITAL INNOVATIVE SOLUTION FOR THE MENTAL HEALTH SECTOR

Mastery in
Software
Engineering

FORTECH.

Key Facts



Industry: Healthcare



Team Size: 4 people



Duration: 1+ years (ongoing)



Technologies:

Front-End: Angular, React

Back-end: NodeJS, MongoDB



Services:

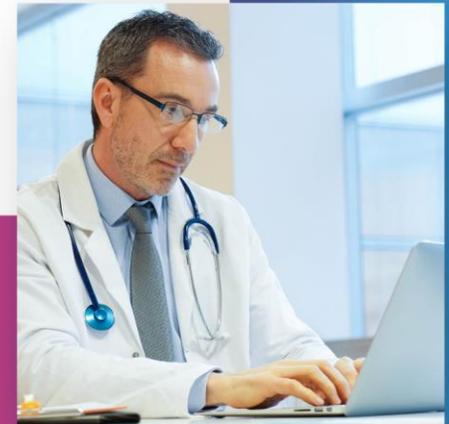
Software Development

Project Management

DevOps

Highlights

- The platform helps clinicians reduce errors during the completion process through auto-populated fields and advice.
- High level of transparency for completed data – source of data, access history.
- The forms are securely shared, and only authorized people can access the data.
- Available on desktop, tablet, or mobile with no difference in user functionality.



Solution

The software is an end-to-end digital solution that facilitates the completion of Mental Health Act (MHA) forms. The platform allows approved mental health professionals and third-party users (e.g., law enforcement) to complete, share and store dozens of documents required under the Mental Health Act.

Previously, the forms were completed on paper and usually sent by post between institutions, which severely affected the time frame in which patients received access to immediate specialized care.

The team at Fortech focuses on the development of two key areas of the digital solution:

- *Forms necessary for the second opinion appointed doctor (SOAD) service*

The SOAD service protects patients' rights subject to the Mental Health Act. In the UK alone, approx. 16.000 requests for second opinions are issued annually. The use of digital forms has significantly reduced waiting time for patients, from days to hours, as SOADs can review specific MHA forms online through the platform. In just one month, for 1.000 patients, the time saved adds up to 18 years.

- *Forms field by law enforcement officers*

We are collaborating with law enforcement to digitalize the process of completing and sharing the forms filled by officers under the Mental Health Act.

Collaboration

The team at Fortech covers the development process of the software solution.

Our engineers took over the project after the client separated the development and QA teams and was looking for an agile software development partner with high-quality code goals and strong capabilities on front-end and back-end technologies.

[Developed in Angular] Built using Angular by the previous team, the platform is now being migrated to React. In the meantime, the engineers at Fortech are also tasked with maintaining the initial infrastructure, bug fixing, and architecture services to have a stable and reliable product.

Additionally, our team set up a software testing process for the client and improved the project management process.

Client Benefits



DATA PROTECTION

The platform offers a 90 day hold period after which the data are either encrypted or deleted.



TIMESAVING

The submission process is easy, and it significantly reduces the administrative load for doctors, AMHPs, or nurses.



AVAILABILITY

The software uses Microsoft Azure App Service ensuring high availability times.





ABOUT FORTECH

Fortech is a top Romanian software development company headquartered in Cluj-Napoca. With a workforce of 1000 people, Fortech has been repeatedly recognized by Deloitte, EY, IAOP and Forbes for its fast-growing, entrepreneurial journey.

With expertise and a strategic focus across healthcare, financial services, industrial manufacturing, professional services, automotive sectors, and more, we cover the end-to-end software lifecycle development to deliver the innovation, scalability, quality and speed our clients need.

Our approach to software engineering combines strong technology and process know-how, Agile delivery methods, and a blend of code quality practices and metrics refined in almost two decades. Since 2003, over two hundred clients chose Fortech as their tech partner.

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