FULCRUM DIGITAL `FD` .

QUALITY ASSURANCE AND DEVELOPMENT IN THE HEALTHCARE INDUSTRY

Fulcrum's QA Testing and Software Deployment Services Helps to Enhance Clients's DMEHub Platform

SUMMARY

The client is one of the nation's leading providers of home respiratory services and certain medical equipment. Client engaged Fulcrum to provide PHP Development and Software Quality Assurance (QA) expert services for its product DMEhub, an online ordering, healthcare-specific platform for designated representatives.

BUSINESS OUTCOME 01

Reduction in cost utilizing offshore resources

BUSINESS OUTCOME 02

Establishing and leading the release management process.

BUSINESS OUTCOME 03

B2B2C Healthcare platform that is HIPAA compliant.

OUR STORY

Fulcrum's proposed services included application development and maintenance for DMEhub. Fulcrum was able to plan, schedule and control build releases as well as manage build deployment on QA, Stage, Demo and Production environment. This work occurred in conjunction with existing QA resources on manual and automation testing. Fulcrum was able to oversee testing, such as unit, functional, regression, automation, performance testing. This allowed us to facilitate bug fixes and monitor releases.

SERVICES PROVIDED

QUALITY ASSURANCE

Fulcrum was able to provide Quality Assurance (QA) expert services including gap analysis and recommendations. They were also able to establish and lead the release management process including managing, planning, scheduling and controlling the software build through different stages and environments such as testing and deploying the software release.

DEVOPS IMPLEMENTATION

Fulcrum has helped clients to achieve quality benefits by implementing an integration build, deployment, end-to-end test automation, and reporting. A standardized of processes, templates, guidelines and checklists for DevOps were established as well as automated and continuous quality monitoring. This lead to faster release of apps, increased efficiency by managing infrastructure as code, and improved customer experience with immediate feedback loops and continuous improvement.

RESULT

Fulcrum to provided client with a team consisting of 1 Scrum Master, 3 PHP Developers, 2 QA resources, and 1 Business Analyst**.** The team was able establish, command, and lead the release management process, as well as optimize Client's database systems for performance efficiency and troubleshoot database related issues in a timely fashion. The new DMEHub opened up opportunities for B2B2C transactions directly through the platform utilizing Fulcrum's eCommerce solutions and best practices, all while remaining HIPAA Compliant.

You may have a great idea, waiting to be industrialized! You are sure your idea holds potential but are worried about how you will take it to market, quickly and successfully. Fulcrum Digital's Managed Innovation can help make that experience smooth and methodical with transparency on the entire process. To know how Fulcrum Digital Business can work for you, please visit
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Jersey City	Chicago	London	Melbourne	Sao Paulo
111 Town Square Place, Suite 1215, Jersey City, NJ 07310	300 N LaSalle Street, Suite 4925 Chicago, IL 60654	1 Fore Street, London, EC2Y 9DT	HWT Tower Level 23 40 City Road, Southbank, Melbourne, VIC 3000	Avenida Vieira de Carvalho, 39 – Republica, Sao Paulo-Brazil
Tel: +1 201-523-7555 Fax: +1 973-379-3266	Tel: +1 312-416-6683	Tel:+44 (0) 203 865 8418	Tel: +61 3 9001 5938	Tel: +55-11-40638393