

DATA CRUNCH APPLICATION

Powering an AI-Driven FinTech Solution

Mastery in
Software
Engineering

FORTECH.



Key Facts



Industry: FinTech



Team Size: 5 People



Duration: 6 Years (ongoing)



Technologies:

ASP.NET MVC4, C#, JavaScript 8,
jQuery, Entity framework (ORM),
DevEXPRESS, Highcharts, Qlikview,
Xamarin



Services:

Business Analysis,
Software Development,
Software Testing



Trends: Artificial Intelligence

Highlights

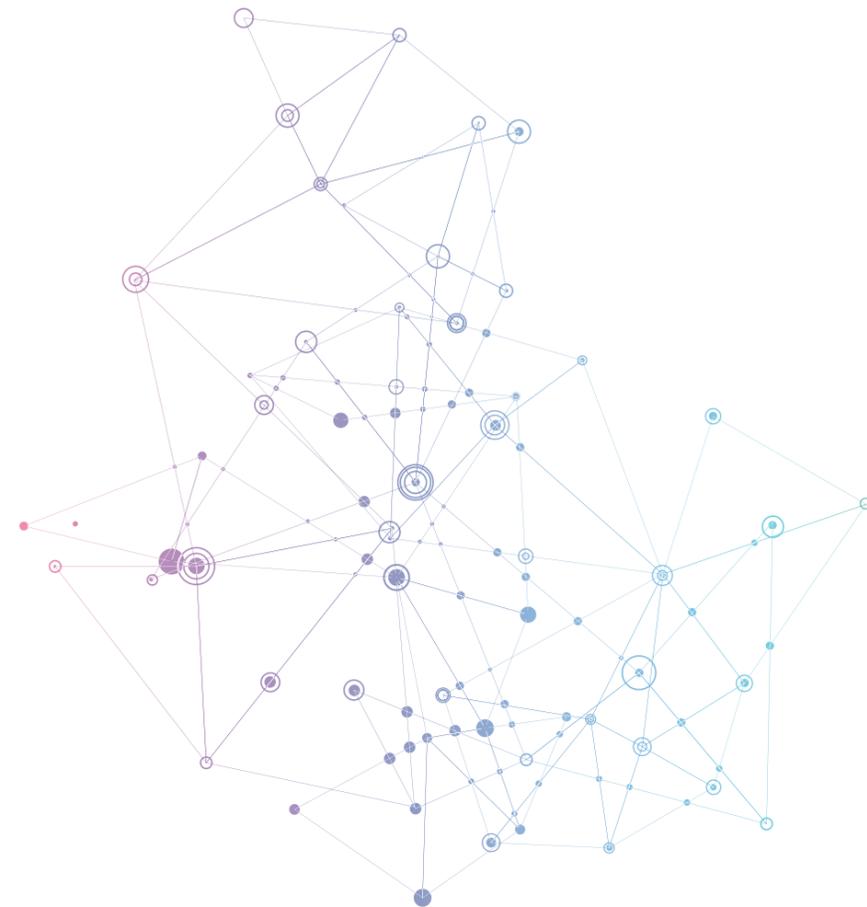
- Commodities risk Business Intelligence platform, part of a larger financial solution.
- It leverages artificial intelligence to enable fast decision making.
- Fortech provides multiple services in a distributed team engagement model.



Solution

The solution is suite of web and mobile applications for a commodities risk specific Business Intelligence platform. It connects to any data source and leverages the existing landscape of the systems.

The web application is a portal that analyses, manipulates and modifies trading information for different products. Also, it generates various reports in accordance with the aggregation level.



Collaboration

We started the project in 2013, with a distributed team composed of software developers and QA engineers from Fortech and project managers and database developers from our client's team.

Following an ongoing successful collaboration, our teams are responsible for the application's front-end, back-end and database development. The back-end application processes large amounts of data fed by asynchronous methods and heterogeneous sources.

One of the most relevant features developed by the team at Fortech is an algorithm powered by artificial intelligence. It facilitates the decision-making process by importing data from multiple sources and providing analyses. The solution can also estimate the evolution of prices with the help of the AI algorithm by analyzing two streams of data containing the previous values and the stock market fluctuation.

On top of this, the client benefits from great flexibility in adjusting the platform as needed.

Client Benefits



SKILLS:
Solid software development skills, easy integration of Highcharts and other visualization software.



COLLABORATION:
Successfully managed highly complex architectures in a nearshore distributed team.



SPEED:
Low latency. The team ensures a 30 minutes response time rate for incoming requests.





ABOUT FORTECH

Fortech is a Romanian software development company headquartered in Cluj-Napoca. Employing more than 700 software engineers and growing, Fortech is one of the largest software outsourcing providers in the region, recognized by Deloitte and EY as one of the fastest growing technology companies in Central and Eastern Europe.

Fortech provides full stack custom software development and software testing services, with focus on solutions for Automotive, Healthcare, eCommerce, FinTech and the Internet of Things. Since 2003, two hundred clients chose Fortech as their software engineering partner, among which T-Systems, Swisscom, Symantec, Pfizer and Renault.

For more information, visit www.fortech.ro.

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