Blackburn Labs

Front- & Backend Development for Custom Healthcare App

PROJECT DETAILS

🏷 **Custom Software Development**

📅 **Feb. 2017 - Ongoing**

💲 **$200,000 to $999,999**

❝ *"They were very professional and often went above and beyond the scope of work."*

PROJECT SUMMARY

Blackburn Labs helped develop a healthcare app for web and desktop that allows medical professionals to better collect and analyze patient data. The team also wrote an algorithm to calculate disease states.

PROJECT FEEDBACK

The new app automated a time-consuming, manual process, which allowed for improved patient care. Blackburn Labs ensured that the frontend UI was intuitive to use, providing materials to train the internal staff. They navigated several stakeholders and brought a methodical mindset to the project.

The Client

Please describe your company and your position there.

I'm the current director of CV Innovation Group, which is an extension of Cardiovascular Medicine—one of the largest cardiology divisions at Brigham and Women's Hospital.

The Challenge

For what projects/services did your company hire Blackburn Labs?

We hired Blackburn Labs to help build a web-based healthcare app for the newly formed CV Innovation Group.

What were your goals for this project?

Our main objective was to create a home-grown, EMR-agnostic (electronic medical record) app that could capture healthcare data in accordance with HIPAA. This involved creating a frontend user interface and a backend database.

Ana Mercurio-Pinto
Director of CV Innovation,
Brigham and Women's Hospital

Healthcare

5,001-10,000 Employees

Boston, Massachusetts

CLIENT RATING

5.0
Overall Score

Quality:	4.5

Schedule:	5.0

Cost:	5.0

Would Refer:	5.0

The Approach

How did you select this vendor?

An enterprise-level IT service provider referred us to them.

Describe the project and the services they provided in detail.

Blackburn Labs designed and developed a desktop and web app to help us to better capture medical data. This involved coordinating with our internal team (e.g., project manager, medical staff, senior leadership, stakeholders) to drive department goals and objectives. By gathering input from subject matter experts, they were able to create proprietary healthcare algorithms that allowed us to calculate specific disease states. Finally, they developed training documents and videos to walk us through the app's functions.

What was the team composition?

We mostly communicated with Rob (Owner, Blackburn Labs), who was a one-man army. There was also a team working in the background, but I didn't interact with them.

The Outcome

Can you share any information that demonstrates the impact that this project has had on your business?

By switching from a completely paper-based process to the new app, we've been able to scale our services to better care for our patients. The app features a user-friendly frontend, and we can collect data through the backend. There's also an algorithm calculator for specific disease states.

How was project management arranged and how effective was it?

Rob worked side-by-side with our internal team and was super flexible. He wore many hats depending on the task at hand, serving as an independent contractor, a manager, and a trusted confidante who could shed light on large, strategic build concepts.

What did you find most impressive about this company?

Blackburn Labs introduced us to several industry best practices, including agile/Scrum methodologies, test-driven development (TDD), behavior-driven development (BDD), and continuous integration (CI). They were very professional and often went above and beyond the scope of work.

Are there any areas for improvement?

No, there's nothing that I could suggest.