

Globant ▶

Stride

Creating **new learning experiences** with Stride

Globant and Stride
work together to
bring learning into
the digital age



Introduction

The way we learn has changed dramatically in recent years. Children are now growing up with greater access to educational resources than their parents could ever have dreamed of. Professionals have access to a world of training material to further their careers. People are innately blending online and offline learning, and are achieving ever better educational outcomes. Stride has been at the forefront of these changes, supporting more than 2 million students with online and blended learning solutions.

Back in 2010, Globant started working with Stride (formerly known as “K12”) to create new learning experiences and drive major improvements in their educational platform.



The importance of **digital learning**

Creating digital educational offerings is not simply a Pollyanna-ish dream. Studies have shown how Stride's digital educational offerings help raise the educational attainment of children, with the greatest impact among those coming from economically disadvantaged backgrounds.

The shift to online learning, or a hybrid approach, quickly accelerated over the past 12 months, as the world adapted to social distancing requirements. For all the discussion about the effectiveness of online learning, [one study](#) found that one in three high school students in the UK and US want online learning to remain a

part of their education even as things return to normal after the pandemic. A [further study](#) of 4.5 millions US students, showed how schools which were prepared for online learning in 2020, did not experience learning loss, and even had better than expected learning gains, during the pandemic.

Too often however, educational institutions failed to keep up with these fundamental shifts. Together with Stride we set out to change this, making high quality, seamless learning experiences available to students, teachers and learning coaches around the world.

"It's been an absolute joy to work with Globant....you guys are a top notch organization and it's noticeable"

James Rhyu,
Chief Executive Officer, Stride

"It's great to see the passion in our teams to challenge the status quo. Together we're reinventing education with technology. That's the secret sauce - combining passion and a desire to make real change"

Martín Migoya,
Co-founder and Chief Executive Officer, Globant



How we created the **next generation of learning experiences**

We wanted people to be able to instinctively interact with learning content. We recognized how the content needs to be personalized to each individual. It also needed to bring together a variety of different sources, as well as brought to life with animations, videos, and sounds. To achieve all this meant creating a modern, flexible educational platform. This is how we did it:

Creating personalized learning paths.

Stride is now able to provide personalized content to students, depending on their specific circumstances and learning objectives. As students interact with content, the system determines their level of knowledge, and automatically adjusts based on how similar groups of students have behaved.

Generating real-time reports to measure progress and increase retention. Using analytics enables teachers to evaluate academic performance, efficacy and student engagement. Educators can see the likelihood that their student will leave a course, or may be struggling with an assignment. Teachers can use this information to detect what students know moment-by-moment, and then deploy customized educational strategies. In turn, we've used this data to provide the basis for improving assessment systems to make them more fair and accurate. The underlying technology to achieve this is based on the implementation of a recommendation engine, together with big data and analytics, to create a highly accurate predictive model of performance.

Building an ecosystem of educational content.

It's impossible for one organization to be able to provide all necessary educational content. That's why we created a framework for Stride's integrations with other educational providers. With this framework, it's now possible for Stride to bring in world-class content from other sources. It's also easier for other educational organizations to use Stride's content. At the core of this is having the best content possible for students to learn - and by creating an ecosystem, Stride is achieving this. With the new architecture, the cost to integrate a third party vendor into the platform was reduced five-fold.

Ensuring secure communications for minors.

One of the essential elements of an online educational platform is providing a secure, child-friendly system for communication which has all the necessary safety features - such as preventing unwanted messages from arriving in their inbox. To do this we integrated Microsoft's Office 365 solution, but included additional business rules and security - so for example, a child can only email their teacher or learning coach.



Developing a smooth and easy sign-up and onboarding process for new students. Together we re-designed the onboarding process for a mobile-first world, enabling parents to enroll their children via any device, and avoiding the need for manual interactions. With this, we also added new features such as notifications, and broadcast messages. Today, with the onboarding app, people can enroll in less than half the time it used to take, with a vastly better experience.

Building an automation framework for more than 30 different applications.

Stride recognized that the use of automation was critical to their long-term business success. As just one example of the use of automation, in order to ensure Stride is delivering the best possible digital experience, we have over 1,200 test cases and over 3,000 scenarios automatically running every night.



Conclusion

Stride's mission is to "help learners of all ages reach their full potential through inspired teaching and personalized learning". A powerful and compelling digital learning experience is the backbone to achieving this mission. We're proud of the work we have achieved together, as we provide opportunities to a new generation, from children to professionals, to achieve their learning goals.

About **Globant**

We are a digitally native company that helps organizations reinvent themselves to create a way forward and unleash their potential. We are the place where innovation, design and engineering meet scale.

- We have more than 20,000 employees and we are present in 18 countries working for companies like Google, Rockwell Automation, Electronic Arts and Santander, among others.
- We were named a Worldwide Leader in CX Improvement Services by IDC MarketScape report.
- We were also featured as a business case study at Harvard, MIT, and Stanford.
- We are a member of the Cybersecurity Tech Accord.

For more information, visit

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