Globant

LARGE SCALE WEB APPS

G-Cloud 14 Services Definition

LARGE SCALE
WEB APPS

We are specialised in building the next generation of digital products.

By leveraging the latest UI technologies and architectures, multi device techniques, big scale applications, component based system, intelligent user interfaces, and the latest trends on user experience.

OUR PURPOSE

We create engaging products providing a set of UI practices and technologies through interactive interfaces, delivering the same experience in a frictionless way.

We build interfaces awarded of users, from context to context, device to device and acts proactively making the experience simpler, leaner, faster, and suggesting new behaviors based on their interactions.

Globant

LARGE SCALE
WEB APPS

To power digital transformations one needs to create omnichannel solutions. This is done building responsive and scalable web applications following different approaches, from single page to server side rendered applications with a loosely coupled, modular, component based architecture, mobile-first and SEO friendly techniques among other best practices.

Universality

Scalability

Multi-device

Globant

LARGE SCALE
WEB APPS

Our Practices

We build responsive and scalable web applications to create omnichannel solutions.

SPA
Single Page
Applications

SSR
Server Side
Rendering

Responsive

Pixel Perfect

Performance

Reuse & Seeds

SEO friendly

Frameworks

Globant

LARGE SCALE
WEB APPS

Single Page Applications

An **SPA** is a web application that fits on a single page rather than the more traditional Multi-Page Websites. In an SPA, different content can reside in different 'states' of the page, instead of requiring a new page. One modern example of an SPA that many Internet users are familiar with is Gmail.

PWA

Micro Frontends

Features

- Different content can reside in different 'states' of the page, instead of requiring a new page.
- Local storage capabilities of storing data on a browser for performance
- Modular, reusable and reproducible. Better for productivity and testing..
- Offline mode supported
- One page can have different states, emerging the use into one only experience shared across all the application.
- No page transition to deliver a better and more fluid user experience.

Globant▶

LARGE SCALE
WEB APPS

Progressive Page Applications

Moving the mobile experience to the web.

Progressive Web Apps are installable and live on the user's home screen, without the need for an app store. They offer an immersive full screen experience with help from a web app manifest file and can even re-engage users with web push notifications.

Globant▶

Micro frontends Architectures

Extending the microservice idea to frontend applications

The term **Micro Frontends** is a derivative of the microservices approach. It represents the architectural approach for the composition of multiple self contained and loosely coupled UI components (services), where each component is responsible for a specific UI element and / or functionality.

Features

- **Technology Agnostic**. Each team should be able to choose and upgrade their stack without having to coordinate with other teams

- **Isolate Functionality** Each piece of the frontend contains an own functionality meaningful for the application

- **Isolate Team Code.** Build independent apps that are self contained

Globant▶

LARGE SCALE
WEB APPS

Server side rendering

Universality, sometimes called "isomorphism", refers to ability to run nearly the same code on both client and server.
Because of this, you can write the code once and then execute it on the server to render static pages and on the client to allow for fast interactions.
Most popular implementation is adopting Node.js. Sharing code between the client and server is becoming a more common and natural choice.
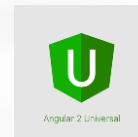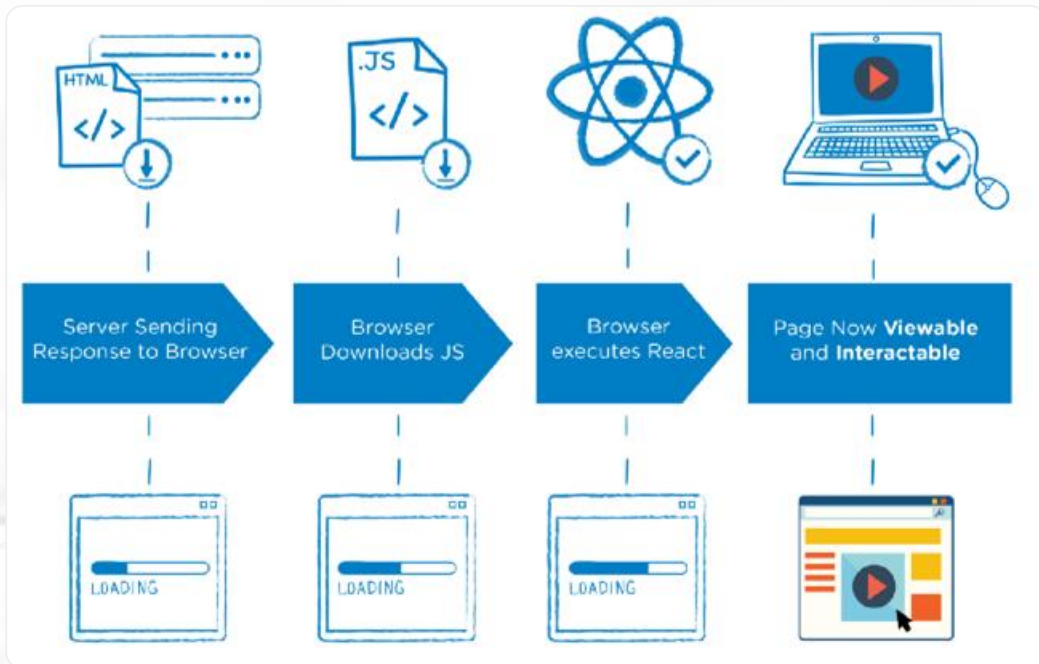
There more frameworks and libraries for server side rendering like **Rendr** (Backbone server side), **Derby**, **Este.js**, **Mootools**, **Chaplin** among others.
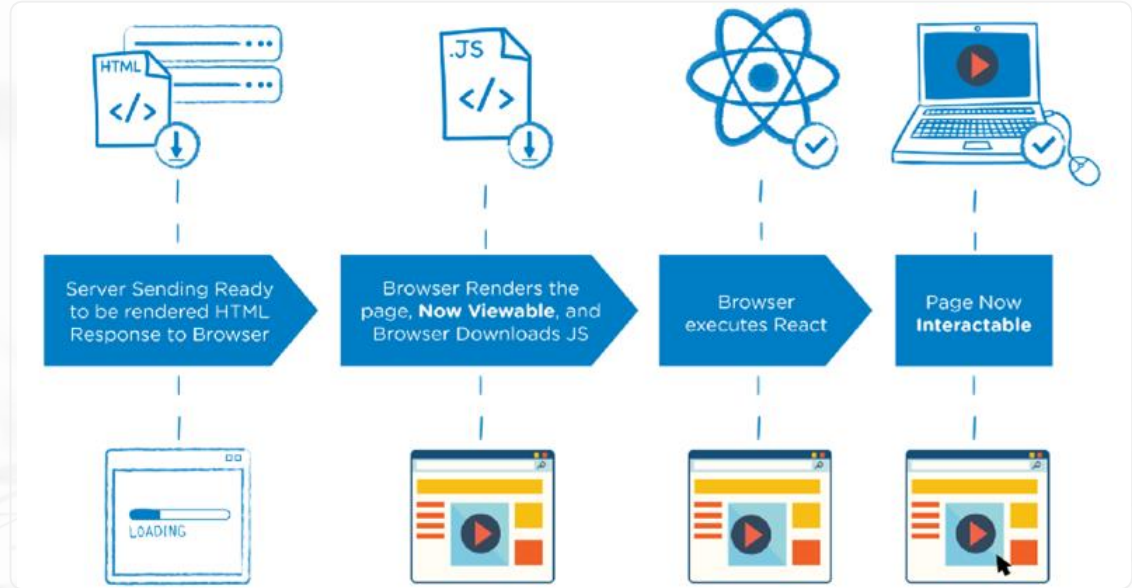
Globant▶

LARGE SCALE
WEB APPS

Client Side Rendering

Globant

LARGE SCALE
WEB APPS

○··●··●··●

Server Side Rendering

LARGE SCALE
WEB APPS

Reuse

A component oriented Architecture allows reusability of base code.

NPM ecosystem allows us to share all kind of modules, from components to configuration packages.
This enables version management for modules, providing control over base code.

Features

- Allows code sharing between projects

- Provides code stability due to version management.

- Packages usage enforces organization, what means more quality in the end product.

- Allows to propagate changes across all different projects.

Globant ▶

LARGE SCALE
WEB APPS

○⋯●⋯●⋯●

Seeds & Tooling

Seeds, like the ones used by Yeoman, provides shared project basements with shared boilerplates and faster kick off for new projects.

All tools used by projects are provided with a shared seed:

- Webpack is a build tool to handle assets and more as a dependency graph. Making easy and manageable big loads of assets and sources for your SPAs.
- Gulp is a task manager to define custom tasks matching the business needs in order to create and build SPAs. Requires support from other tools.
- Babel compiler. Allows to use the latest JavaScript features without sacrificing compatibility.
- Karma runs all your tests to get a fully continuous and progressive output on the project integrity and stability.

Globant▶

LARGE SCALE
WEB APPS

○⋯●⋯●⋯●

Frameworks

Having a good foundation increases productivity, quality and delivery.

JavaScript web frameworks became like a silver bullet for quick web app development. They serve as a web applications, allow developers to worry less about code structure or maintenance while focusing on creation of complex interface elements, and expand opportunities of JS and plain HTML. Having a big community support allows us to ensure high level quality in all our projects.

Advantages of using Javascript frameworks (or libraries)

- **Efficiency** – projects that used to take months and hundreds of lines of code now can be achieved much faster with well-structured prebuilt patterns and functions.

- **Safety** - top javascript frameworks have firm security arrangements and are supported by large communities where members and users also act as testers.

- **Cost** – most frameworks are open source and free. Since they help programmers to build custom solutions faster, the ultimate price for web app will be lower.

Globant ▶

LARGE SCALE
WEB APPS

Pixel perfect

What does "pixel perfect" mean?
If someone says "**I want a pixel perfect implementation of this design**", he refers to create a HTML page which looks exactly like the design - down to every pixel.
To make it possible we have expert teams for each project in each area, that will be with you from the scratch until the implementation:

- Pixel Perfect Visual Designer.
- Pixel Perfect Tester.
- Pixel Perfect Developer.

Accurate

Reusable

Optimized

Globant ▶
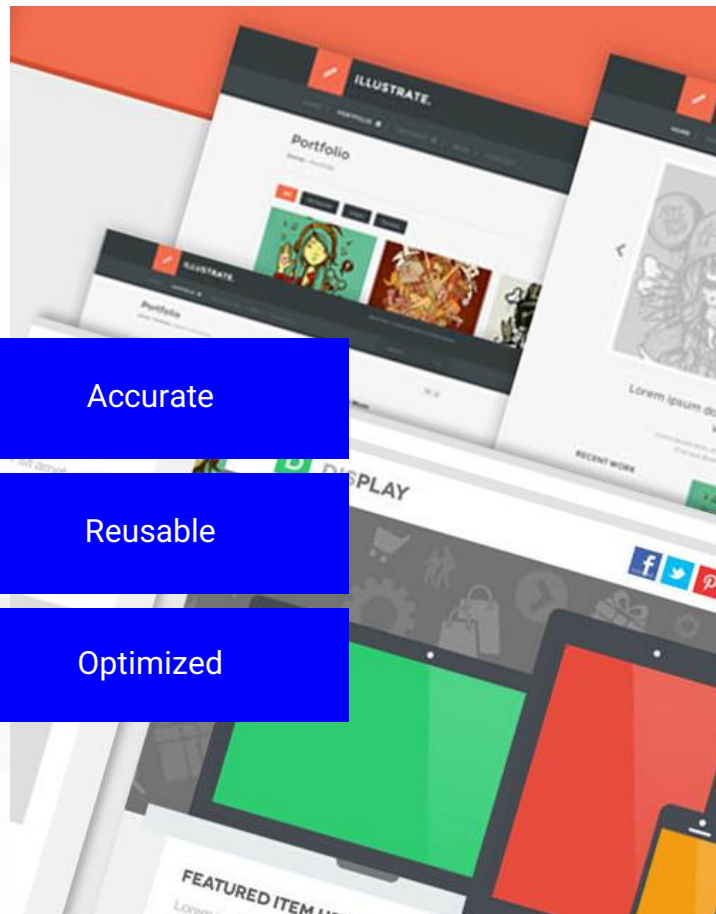
LARGE SCALE
WEB APPS

○··●··●··●

Performance

A good performance, with the addition of good interface means better and smoother user experience.

Applying good performance practices is always a must to create the best quality and reliable products.

- We generate production ready builds to increase product performance and stability.
- We generate deterministic builds to ensure the best quality and performance optimised products all times.
- We apply the best practices to reduce load times.
- We use the most performant animations to ensure smooth user experience.

Globant›

LARGE SCALE
WEB APPS

Responsive

Due to the proliferation of smartphones and tablets in the current market, there are more diversity than ever of screen sizes.

This situation forces us to create intelligent websites to cover all of them, for that we use the latest technologies and tools available in the market.

- Frameworks: Bootstrap - Material design - Foundation.
- Preprocessors: Sass - Less.
- Tools: PerfectPixel - Browserstack.

Desktop

Tablet

Smartphones

Globant
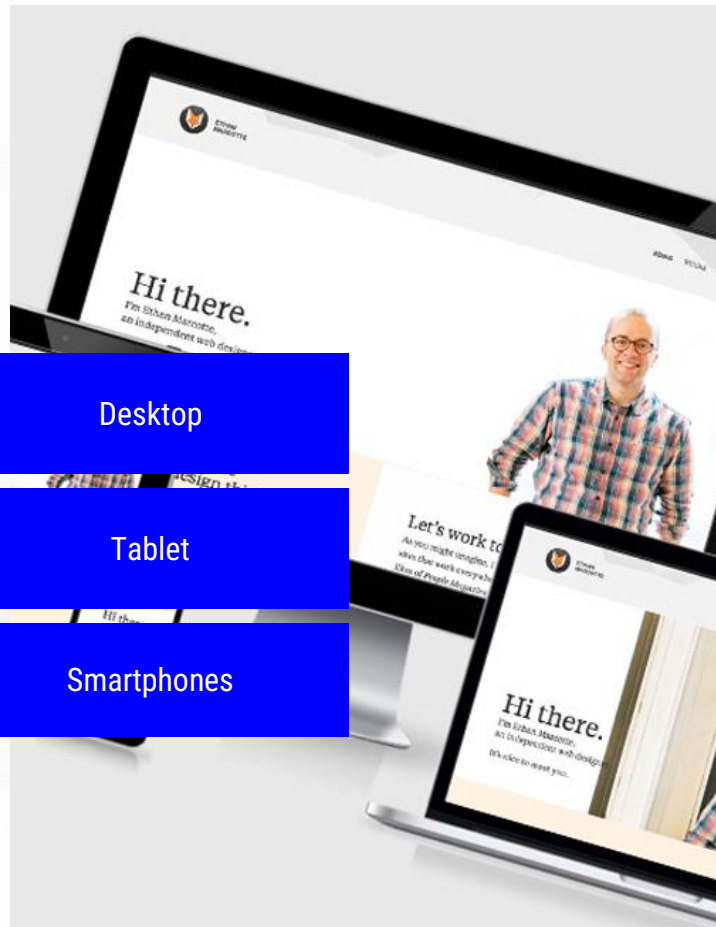
LARGE SCALE
WEB APPS

○··●·●··●

S.E.O

**Have a good positioning in search engines expands the possibilities for growing of a company.**

This is achieved by using several techniques when we build a website, which are intended to increase the traffic and the visibility that it has.

In this practice we develop thinking in the semantic HTML, we advice for content creation and follow our implementation with SEO audit.
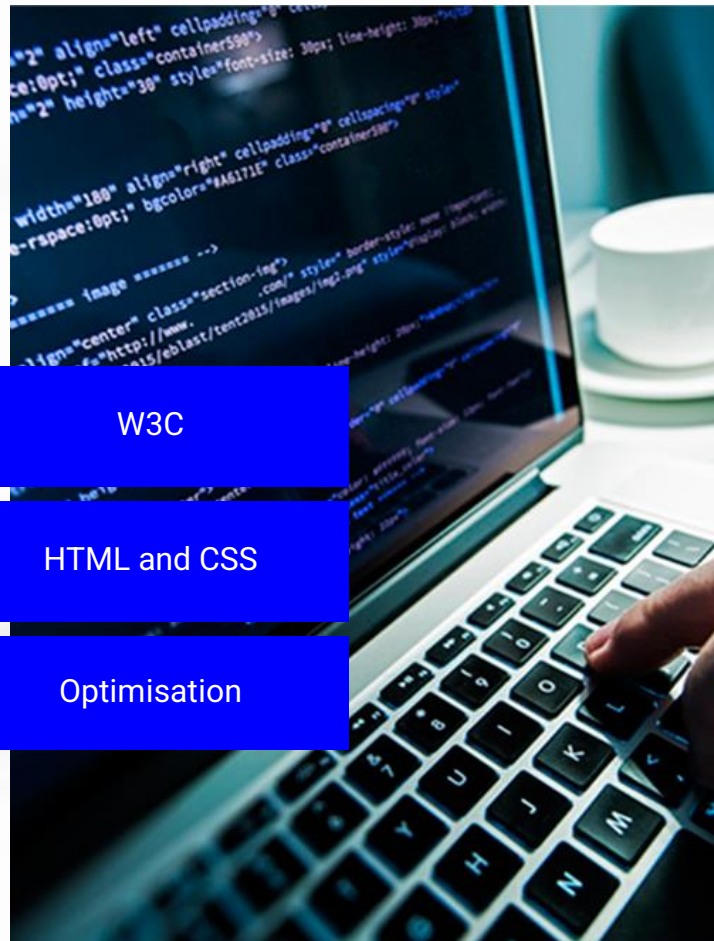
W3C

HTML and CSS

Optimisation

Globant▶

Globant Overview
TIMELINE

2010
1000+

2015
5000+

2021
25000+

2024
29000+

Globant
Today

2003
Founded

2006
Signed Google

2009
Studios launched

2014
Globant IPOs with our signature trading symbol GLOB

2016
SOP Launched

2017
Worldwide Leader of Digital Strategy Consulting Services by IDC MarketScape report

2019
BeKind Launched

2021
Crossed 1B in revenue Achieved carbon neutrality

2022
FiFA Partnership LaLigaTech Joint Venture

2023
Recognized by IDC as leader in AI Services Crossed 2B in revenuw

Globant

About Globant
OUR GLOBAL
FOOTPRINT

Strong global presence with great talent to deliver digital and cognitive transformations.

Multiple time zones enable us to **deliver agile services** to our customers and global partners.

We benefit from cultural similarities and a strong history of **innovation**.

We have access to a very large **pool of highly skilled professionals.**

58
Offices & Delivery centres

36
Cities

35
Countries

Canada

United States

Mexico

Costa Rica

Colombia

Ecuador

Peru

Chile

Brazil

Uruguay

Argentina

Denmark

Germany

Luxembourg

Poland

UK

Belarus

France

Ukraine

Spain

Romania

Italy

Morocco

Bulgaria

Moldova

Saudi Arabia

India

U.A.E.

China

Japan

Vietnam

Philippines

Singapore

Australia
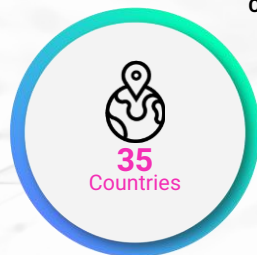
Globant

About Globant

Our **Studio Networks** foster collaboration, fuel creativity, and deliver transformative results to our clients.

Reinvent
Shake up the game for businesses through deep industry and tech expertise.

Business Hacking
Sustainable Business
Sports
Media & Entertainment
Finance
Smart Payments
Airlines
Healthcare & Life Sciences
Automotive
Edtech
Gaming
Hospitality & Leisure
Retail

Create
Empower the uniqueness of your brand through remarkable experiences.

Globant Create
Product
Commerce
Design
Conversational Interfaces
Loyalty

Digital
Harness disruptive tech to put your business at the forefront.

Data & AI
Metaverse
Blockchain
Fast Code
Cloud Ops
Cybersecurity
Engineering
Digital Experience Platforms
Digital Performance
Internet of Things
Quality Engineering

Enterprise
Leverage tailored tech for streamlined operations and productivity at scale.

SAP
ServiceNow
Salesforce
Oracle
AWS
Google Cloud
Microsoft
Process Optimization
Cultural Hacking
Agile Organizations

Globant

Globant: trusted by

AEP · Unilever · PRISMA medios de pago · AMERICAN EXPRESS · BBVA · Boehringer Ingelheim · Coca-Cola

Chicago Tribune · DELL Technologies · smile DIRECT CLUB · EMBRAER · FOX · GAP

EA · IDB Inter-American Development Bank · mercado libre · Interbank · LATAM · LinkedIn

METROPOLITAN POLICE · NATIONAL GEOGRAPHIC · Rockwell Automation · NISSAN · Santander

Pernod Ricard · ROYAL CARIBBEAN · MACH · DANONE · OSRAM · YPF

EXPRESS · PETROBRAS · PR Newswire United Business Media · MELIÃ HOTELS & RESORTS · PUMA

UBISOFT · TRINA TURK · Bci · Walmart Argentina

THANK YOU!

Globant