Progressive Web Apps

Mike Hartington, GDE & Developer Advocate at Ionic
Roger Tipping, VP of Client Success at BrieBug

What is a Progressive Web App?

Progressive Web Apps are an evolution of regular web pages that combine features offered by modern browsers with the benefits of a mobile experience.
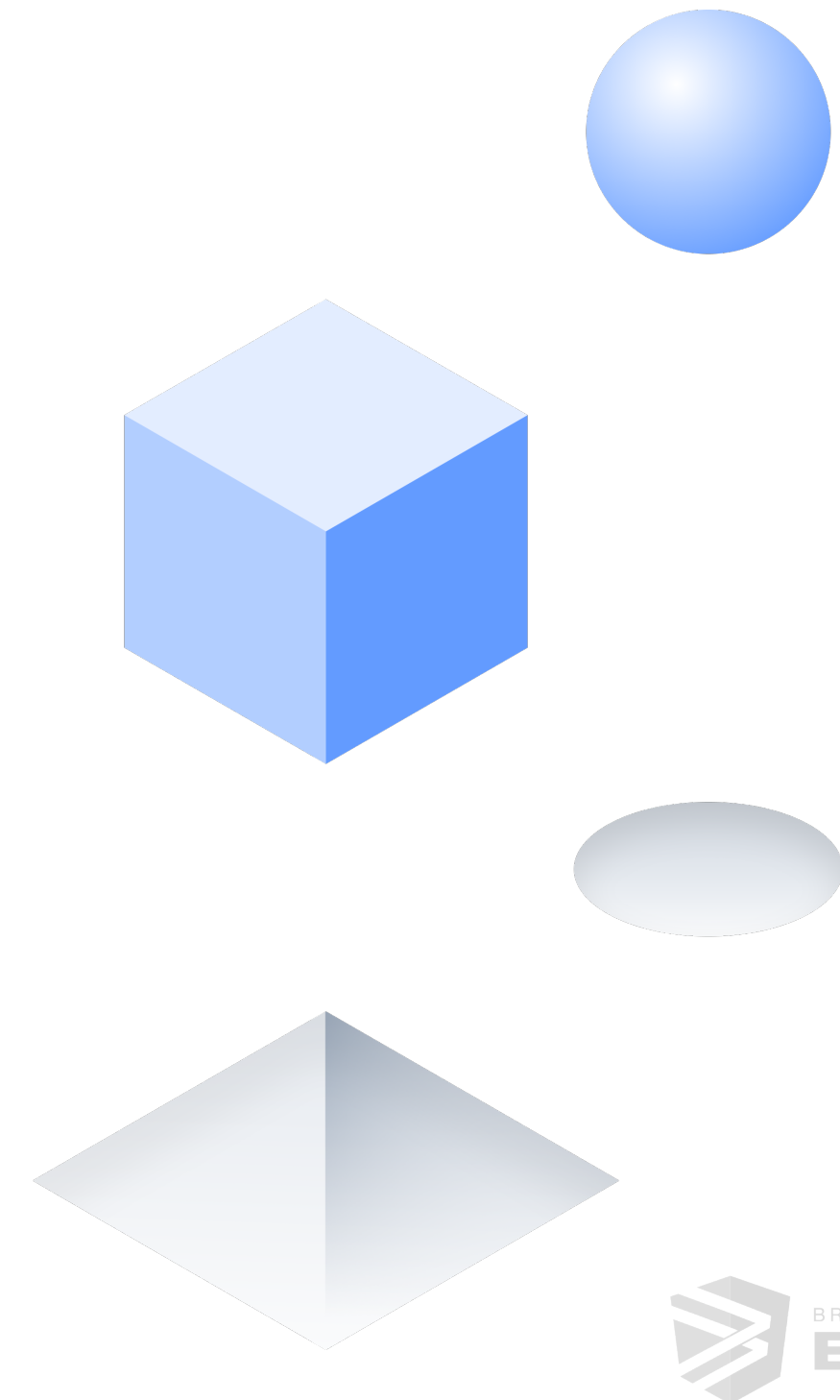
PWA Capabilities:

- Installable - Launch directly from the device

- Reliable - Performs even in slow or intermittent network connections

- Engaging - Feels like a native app on the device

- Offline capabilities - Cache content using service workers

Developing a Progressive Web App
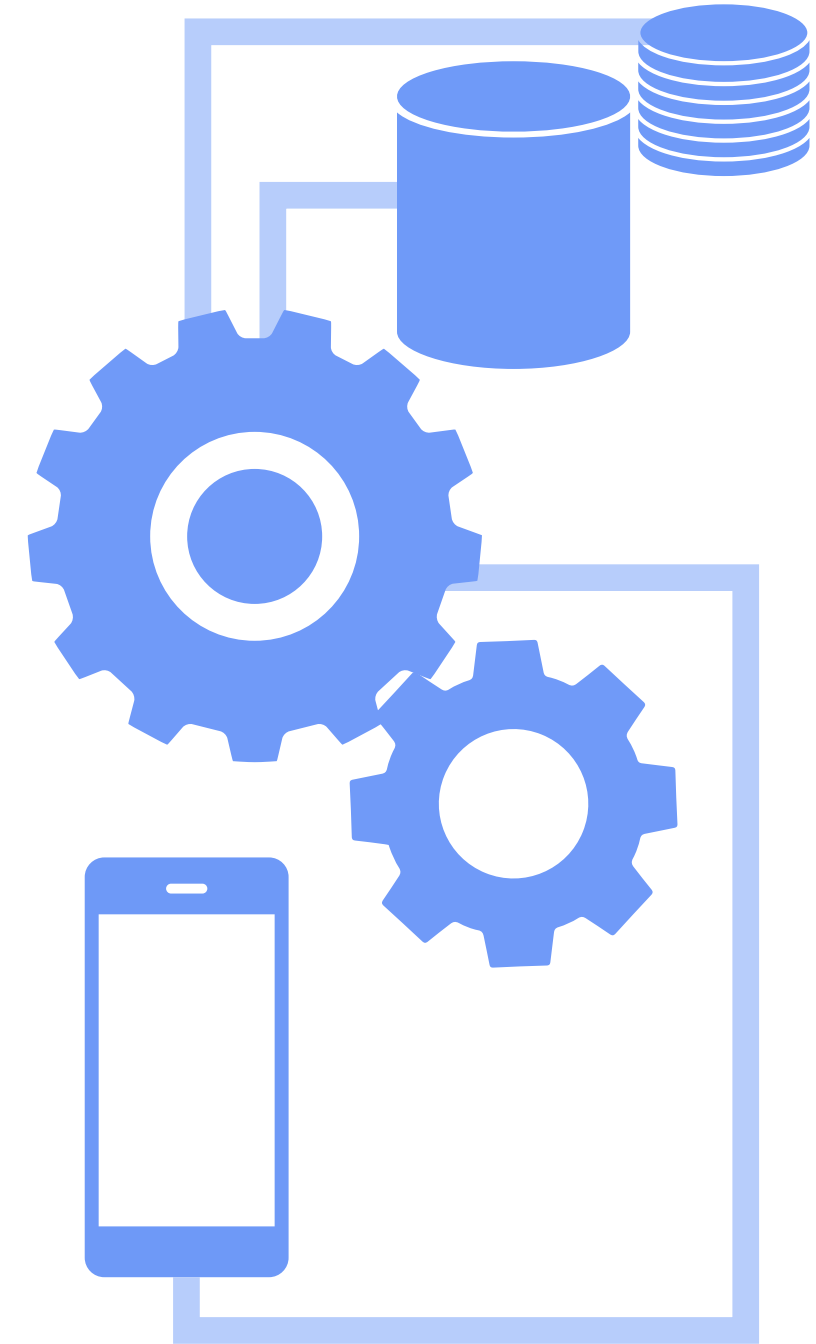
What to consider when building a PWA:

- How are you building your app?

- What kind of content are you shipping?

- What best practices are you following?

What is a Service Worker?

Proxy for the network and client

- Intercepts all request

- Can create a cache of responses
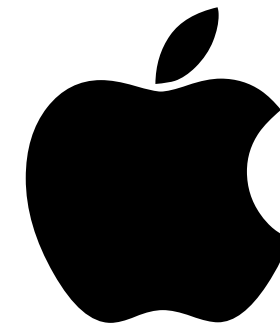
- Notifications, Background sync, & more

Deploying a Progressive Web App

Deployment options:

- PWA only

- PWA + Native iOS + Native Android

- Hybrid App (PWA base, native wrapper)

Switching to a Progressive Web App

Is this approach for me and my organization?

- Are my users going to be limited to their access to the internet?

- Do I want my apps to be installed and work offline?

- Do I want to take advantage of all the latest native device capabilities?

TRANSLATINGTECHNOBABBLE.COM